ภาคผนวก ค

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศ

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482468
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number: 3059576-1

Sample Description Air Quality
Location โรงเรียนบ่อวิน 47P 723898E 1443527N
Date Analysis Commenced Aug 13, 2024
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2482468-1	Aug 06 - Aug 07, 2024	0.039	745	31
2482468-2	Aug 07 - Aug 08, 2024	0.057	745	30
2482468-3	Aug 08 - Aug 09, 2024	0.043	745	30
Guideline		0.33	-	-

Reference Method
Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

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

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

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.

Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482480
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number: 3080635-1

Sample Description Air Quality
Location วัดพันเสด็จนอก 47P 729638E 1447551N
Date Analysis Commenced Aug 13, 2024
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2482480-1	Aug 06 - Aug 07, 2024	0.039	0.008	745	31
2482480-2	Aug 07 - Aug 08, 2024	0.065	0.017	745	30
2482480-3	Aug 08 - Aug 09, 2024	0.064	0.018	745	30
Guideline		0.33	0.12	-	-

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

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

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482468
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number: 3059576-2

Sample Description	Air Quality
Location	เขตที่พักอาศัยและพาณิชยกรรมในนิคมฯ 47P 726911E 1443649N
Date Analysis Commenced	Aug 13, 2024
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2482468-4	Aug 06 - Aug 07, 2024	0.069	745	31
2482468-5	Aug 07 - Aug 08, 2024	0.110	745	30
2482468-6	Aug 08 - Aug 09, 2024	0.100	745	30
Guideline		0.33	-	-

Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

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

Sampled By : Anuwet Tema

Remark :

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

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482467
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report Number: 3059570-1

Sample Description	Air Quality
Location	โรงเรียนบ่อวิน 47P 723898E 1443527N
Parameter	Sulfur Dioxide (mg/m3)
Measurement Date	Aug 06, 2024 - Aug 09, 2024
Measurement by	Anuwet Tema

Time	2482467-1 Aug 06, 2024	2482467-2 Aug 07, 2024	2482467-3 Aug 08, 2024	-	-	-	-
01:00 PM - 02:00 PM	0.0068	0.0063	0.0060	-	-	-	-
02:00 PM - 03:00 PM	0.0063	0.0063	0.0060	-	-	-	-
03:00 PM - 04:00 PM	0.0089	0.0068	0.0058	-	-	-	-
04:00 PM - 05:00 PM	0.0084	0.0065	0.0058	-	-	-	-
05:00 PM - 06:00 PM	0.0081	0.0063	0.0060	-	-	-	-
06:00 PM - 07:00 PM	0.0079	0.0060	0.0063	-	-	-	-
07:00 PM - 08:00 PM	0.0076	0.0058	0.0065	-	-	-	-
08:00 PM - 09:00 PM	0.0073	0.0060	0.0063	-	-	-	-
09:00 PM - 10:00 PM	0.0073	0.0060	0.0063	-	-	-	-
10:00 PM - 11:00 PM	0.0068	0.0063	0.0063	-	-	-	-
11:00 PM - 12:00 AM	0.0065	0.0058	0.0065	-	-	-	-
12:00 AM - 01:00 AM	0.0065	0.0058	0.0065	-	-	-	-
01:00 AM - 02:00 AM	0.0065	0.0058	0.0063	-	-	-	-
02:00 AM - 03:00 AM	0.0063	0.0058	0.0063	-	-	-	-
03:00 AM - 04:00 AM	0.0063	0.0045	0.0065	-	-	-	-
04:00 AM - 05:00 AM	0.0063	0.0052	0.0068	-	-	-	-
05:00 AM - 06:00 AM	0.0063	0.0058	0.0065	-	-	-	-
06:00 AM - 07:00 AM	0.0065	0.0060	0.0071	-	-	-	-
07:00 AM - 08:00 AM	0.0068	0.0060	0.0068	-	-	-	-
08:00 AM - 09:00 AM	0.0071	0.0058	0.0063	-	-	-	-
09:00 AM - 10:00 AM	0.0065	0.0055	0.0094	-	-	-	-
10:00 AM - 11:00 AM	0.0063	0.0052	0.0060	-	-	-	-
11:00 AM - 12:00 PM	0.0065	0.0060	0.0063				
12:00 PM - 01:00 PM	0.0063	0.0060	0.0081				
Average (24 hrs)	0.0069	0.0059	0.0065	-	-	-	-
1hr - Maximum	0.0089	0.0068	0.0094	-	-	-	-
Standard 24 hrs - Average	0.3	0.3	0.3	-	-	-	-

Standard : Notification of the National Environment Board No. 10, 1995 (B.E. 2538), No. 24, 2004 (B.E. 2547).
Reference Method : US EPA Method Part 53 and 58

[redacted]

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482467
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report 7umber: 3059585-1

Sample Description Air f uality
Location วัดพันเสด็จนอก 4QP Q29638E 144Q5517
Parameter SulNur Dioxide (mg/m3)
Measurement Date Aug 06, 2024 - Aug 09, 2024
Measurement by Anuwet Tema

Time	24824Q6-1 Aug 06, 2024	24824Q6-2 Aug 0Q, 2024	24824Q6-3 Aug 08, 2024	-	-	-	-
12:00 PM - 01:00 PM	0.0681	0.0330	0.0343	-	-	-	-
01:00 PM - 02:00 PM	0.0665	0.0314	0.0296	-	-	-	-
02:00 PM - 03:00 PM	0.086Q	0.0380	0.0312	-	-	-	-
03:00 PM - 04:00 PM	0.0458	0.0330	0.031Q	-	-	-	-
04:00 PM - 05:00 PM	0.0304	0.0332	0.0298	-	-	-	-
05:00 PM - 06:00 PM	0.0364	0.0296	0.0364	-	-	-	-
06:00 PM - 0Q:00 PM	0.0332	0.0306	0.0356	-	-	-	-
0Q:00 PM - 08:00 PM	0.0325	0.0338	0.0293	-	-	-	-
08:00 PM - 09:00 PM	0.0364	0.0325	0.0325	-	-	-	-
09:00 PM - 10:00 PM	0.0359	0.0348	0.0353	-	-	-	-
10:00 PM - 11:00 PM	0.03QQ	0.038Q	0.0335	-	-	-	-
11:00 PM - 12:00 AM	0.0330	0.0380	0.0309	-	-	-	-
12:00 AM - 01:00 AM	0.03QQ	0.0353	0.0288	-	-	-	-
01:00 AM - 02:00 AM	0.0385	0.0364	0.0340	-	-	-	-
02:00 AM - 03:00 AM	0.0293	0.0312	0.0330	-	-	-	-
03:00 AM - 04:00 AM	0.0325	0.036Q	0.0312	-	-	-	-
04:00 AM - 05:00 AM	0.0298	0.036Q	0.0330	-	-	-	-
05:00 AM - 06:00 AM	0.0306	0.0335	0.0304	-	-	-	-
06:00 AM - 0Q:00 AM	0.0288	0.03QQ	0.0361	-	-	-	-
0Q:00 AM - 08:00 AM	0.0291	0.0306	0.0283	-	-	-	-
08:00 AM - 09:00 AM	0.0332	0.0330	0.02Q2	-	-	-	-
09:00 AM - 10:00 AM	0.0312	0.02Q2	0.0309	-	-	-	-
10:00 AM - 11:00 AM	0.032Q	0.0298	0.0298				
11:00 AM - 12:00 PM	0.0291	0.0332	0.0343				
Average (24 hrs)	0.0385	0.033Q	0.0320	-	-	-	-
1hr - Maximum	0.086Q	0.038Q	0.0364	-	-	-	-
Standard 24 hrs - Average	0.3	0.3	0.3	-	-	-	-

Standard : 7otiNcation oNthe 7ational Environment Board 7o. 10, 1995 (B.E. 2538), 7o. 24, 2004 (B.E. 254Q).
ReNerence Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482467
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report Number: 3084171-1

Sample Description Air Quality
Location เขตที่พักอาศัยและพาณิชยกรรมในนิคมฯ 47P 726911E 1443649N
Parameter Sulfur Dioxide (mg/m3)
Measurement Date Aug 06, 2024 - Aug 09, 2024
Measurement by Anuwet Tema

Time	2482467-4 Aug 06, 2024	2482467-5 Aug 07, 2024	2482467-6 Aug 08, 2024	-	-	-	-
11:00 AM - 12:00 PM	0.0094	0.0076	0.0084	-	-	-	-
12:00 PM - 01:00 PM	0.0055	0.0076	0.0068	-	-	-	-
01:00 PM - 02:00 PM	0.0068	0.0076	0.0081	-	-	-	-
02:00 PM - 03:00 PM	0.0063	0.0081	0.0065	-	-	-	-
03:00 PM - 04:00 PM	0.0071	0.0086	0.0086	-	-	-	-
04:00 PM - 05:00 PM	0.0073	0.0084	0.0076	-	-	-	-
05:00 PM - 06:00 PM	0.0071	0.0084	0.0076	-	-	-	-
06:00 PM - 07:00 PM	0.0073	0.0084	0.0073	-	-	-	-
07:00 PM - 08:00 PM	0.0068	0.0084	0.0073	-	-	-	-
08:00 PM - 09:00 PM	0.0058	0.0068	0.0073	-	-	-	-
09:00 PM - 10:00 PM	0.0058	0.0063	0.0081	-	-	-	-
10:00 PM - 11:00 PM	0.0055	0.0060	0.0081	-	-	-	-
11:00 PM - 12:00 AM	0.0060	0.0060	0.0060	-	-	-	-
12:00 AM - 01:00 AM	0.0063	0.0063	0.0065	-	-	-	-
01:00 AM - 02:00 AM	0.0055	0.0060	0.0068	-	-	-	-
02:00 AM - 03:00 AM	0.0063	0.0063	0.0063	-	-	-	-
03:00 AM - 04:00 AM	0.0060	0.0068	0.0065	-	-	-	-
04:00 AM - 05:00 AM	0.0063	0.0058	0.0063	-	-	-	-
05:00 AM - 06:00 AM	0.0065	0.0089	0.0055	-	-	-	-
06:00 AM - 07:00 AM	0.0058	0.0089	0.0060	-	-	-	-
07:00 AM - 08:00 AM	0.0084	0.0097	0.0092	-	-	-	-
08:00 AM - 09:00 AM	0.0102	0.0099	0.0094	-	-	-	-
09:00 AM - 10:00 AM	0.0099	0.0079	0.0081				
10:00 AM - 11:00 AM	0.0099	0.0076	0.0094				
Average (24 hrs)	0.0070	0.0076	0.0074	-	-	-	-
1hr - Maximum	0.0102	0.0099	0.0094	-	-	-	-
Standard 24 hrs - Average	0.3	0.3	0.3	-	-	-	-

Standard : Notification of the National Environment Board No. 10, 1995 (B.E. 2538), No. 24, 2004 (B.E. 2547).
Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

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331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482466
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report Number: 3059567-1

Sample Description Air Quality
Location โรงเรียนบ่อวิน 47P 723898E 1443527N
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 06, 2024 - Aug 09, 2024
Measurement by Anuwet Tema

Time	2482466-1 Aug 06, 2024	2482466-2 Aug 07, 2024	2482466-3 Aug 08, 2024	-	-	-	-
01:00 PM - 02:00 PM	0.002	0.006	0.002	-	-	-	-
02:00 PM - 03:00 PM	0.003	0.005	0.001	-	-	-	-
03:00 PM - 04:00 PM	0.002	0.004	0.002	-	-	-	-
04:00 PM - 05:00 PM	0.004	0.003	0.003	-	-	-	-
05:00 PM - 06:00 PM	0.005	0.004	0.002	-	-	-	-
06:00 PM - 07:00 PM	0.002	0.004	0.002	-	-	-	-
07:00 PM - 08:00 PM	0.002	0.003	0.002	-	-	-	-
08:00 PM - 09:00 PM	0.001	0.003	0.002	-	-	-	-
09:00 PM - 10:00 PM	0.001	0.002	0.002	-	-	-	-
10:00 PM - 11:00 PM	0.001	0.003	0.002	-	-	-	-
11:00 PM - 12:00 AM	0.002	0.003	0.001	-	-	-	-
12:00 AM - 01:00 AM	0.004	0.002	0.001	-	-	-	-
01:00 AM - 02:00 AM	0.003	0.002	<0.001	-	-	-	-
02:00 AM - 03:00 AM	0.003	0.001	<0.001	-	-	-	-
03:00 AM - 04:00 AM	0.003	0.001	<0.001	-	-	-	-
04:00 AM - 05:00 AM	0.003	0.002	0.001	-	-	-	-
05:00 AM - 06:00 AM	0.002	0.002	0.001	-	-	-	-
06:00 AM - 07:00 AM	0.002	0.004	0.002	-	-	-	-
07:00 AM - 08:00 AM	0.002	0.003	0.002	-	-	-	-
08:00 AM - 09:00 AM	0.003	0.003	0.002	-	-	-	-
09:00 AM - 10:00 AM	0.002	0.004	0.002	-	-	-	-
10:00 AM - 11:00 AM	0.003	0.005	0.002	-	-	-	-
11:00 AM - 12:00 PM	0.005	0.004	0.003	-	-	-	-
12:00 PM - 01:00 PM	0.003	0.004	0.003	-	-	-	-
Average	0.003	0.003	0.002	-	-	-	-
1hr - Maximum	0.005	0.006	0.003	-	-	-	-
Standard 1hr - Average	0.170	0.170	0.170	-	-	-	-

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

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482475
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report Number: 3059582-1

Sample Description Air Quality
Location วัดพันเสด็จนอก 47P 729638E 1447551N
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 06, 2024 - Aug 09, 2024
Measurement by Anuwet Tema

Time	2482475-1 Aug 06, 2024	2482475-2 Aug 07, 2024	2482475-3 Aug 08, 2024	-	-	-	-
12:00 PM - 01:00 PM	0.007	0.005	0.006	-	-	-	-
01:00 PM - 02:00 PM	0.004	0.006	0.006	-	-	-	-
02:00 PM - 03:00 PM	0.003	0.011	0.005	-	-	-	-
03:00 PM - 04:00 PM	0.005	0.006	0.004	-	-	-	-
04:00 PM - 05:00 PM	0.006	0.009	0.004	-	-	-	-
05:00 PM - 06:00 PM	0.007	0.016	0.005	-	-	-	-
06:00 PM - 07:00 PM	0.008	0.018	0.005	-	-	-	-
07:00 PM - 08:00 PM	0.007	0.017	0.008	-	-	-	-
08:00 PM - 09:00 PM	0.011	0.016	0.014	-	-	-	-
09:00 PM - 10:00 PM	0.013	0.016	0.014	-	-	-	-
10:00 PM - 11:00 PM	0.007	0.016	0.012	-	-	-	-
11:00 PM - 12:00 AM	0.012	0.013	0.008	-	-	-	-
12:00 AM - 01:00 AM	0.011	0.011	0.009	-	-	-	-
01:00 AM - 02:00 AM	0.010	0.009	0.008	-	-	-	-
02:00 AM - 03:00 AM	0.007	0.009	0.006	-	-	-	-
03:00 AM - 04:00 AM	0.003	0.009	0.004	-	-	-	-
04:00 AM - 05:00 AM	0.004	0.008	0.004	-	-	-	-
05:00 AM - 06:00 AM	0.007	0.008	0.004	-	-	-	-
06:00 AM - 07:00 AM	0.008	0.008	0.005	-	-	-	-
07:00 AM - 08:00 AM	0.009	0.008	0.009	-	-	-	-
08:00 AM - 09:00 AM	0.009	0.010	0.010	-	-	-	-
09:00 AM - 10:00 AM	0.011	0.010	0.010	-	-	-	-
10:00 AM - 11:00 AM	0.017	0.005	0.008	-	-	-	-
11:00 AM - 12:00 PM	0.009	0.005	0.006	-	-	-	-
Average	0.008	0.010	0.007	-	-	-	-
1hr - Maximum	0.017	0.018	0.014	-	-	-	-
Standard 1hr - Average	0.170	0.170	0.170	-	-	-	-

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

Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482466
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report f umber: 30841N0-1

Sample Description Air 7uality
Location เขตที่พักอาศัยและพาณิชยกรรมในนิคมฯ 4NP N26911E 1443649f
Parameter f itrogen dioxide (ppm)
Measurement Date Aug 06, 2024 - Aug 09, 2024
Measurement by Anuwet Tema

Time	2482466-4 Aug 06, 2024	2482466-5 Aug 0N, 2024	2482466-6 Aug 08, 2024	-	-	-	-
11:00 AM - 12:00 PM	0.006	0.00N	0.010	-	-	-	-
12:00 PM - 01:00 PM	0.005	0.008	0.013	-	-	-	-
01:00 PM - 02:00 PM	0.004	0.006	0.003	-	-	-	-
02:00 PM - 03:00 PM	0.003	0.014	0.001	-	-	-	-
03:00 PM - 04:00 PM	0.005	0.021	0.004	-	-	-	-
04:00 PM - 05:00 PM	0.011	0.00N	0.002	-	-	-	-
05:00 PM - 06:00 PM	0.008	0.012	0.003	-	-	-	-
06:00 PM - 0N:00 PM	0.00N	0.008	0.003	-	-	-	-
0N:00 PM - 08:00 PM	0.004	0.006	0.004	-	-	-	-
08:00 PM - 09:00 PM	0.006	0.008	0.00N	-	-	-	-
09:00 PM - 10:00 PM	0.005	0.010	0.008	-	-	-	-
10:00 PM - 11:00 PM	0.004	0.011	0.010	-	-	-	-
11:00 PM - 12:00 AM	0.006	0.010	0.008	-	-	-	-
12:00 AM - 01:00 AM	0.005	0.009	0.005	-	-	-	-
01:00 AM - 02:00 AM	0.006	0.00N	0.006	-	-	-	-
02:00 AM - 03:00 AM	0.006	0.006	0.006	-	-	-	-
03:00 AM - 04:00 AM	0.005	0.004	0.004	-	-	-	-
04:00 AM - 05:00 AM	0.006	0.005	0.004	-	-	-	-
05:00 AM - 06:00 AM	0.006	0.006	0.002	-	-	-	-
06:00 AM - 0N:00 AM	0.004	0.006	0.010	-	-	-	-
0N:00 AM - 08:00 AM	0.004	0.009	0.008	-	-	-	-
08:00 AM - 09:00 AM	0.004	0.012	0.00N	-	-	-	-
09:00 AM - 10:00 AM	0.015	0.003	0.010	-	-	-	-
10:00 AM - 11:00 AM	0.010	0.004	0.001	-	-	-	-
Average	0.006	0.008	0.006	-	-	-	-
1hr - Maximum	0.015	0.021	0.013	-	-	-	-
Standard 1hr - Average	0.1N0	0.1N0	0.1N0	-	-	-	-

Standard : f otiQcation oQthe f ational Environment Board f o. 33, 2009 (B.E. 2552).
ReQrence Method : US EPAMethod Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. f o part oQthis report may be reproduced in any Qrm without written consent Qom the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in Qll.

[redacted]

Scientist (3)

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482470
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059579-1

Sample Number 2482470-1 to 3
Parameter Wind Speed / Wind Direction
Location โรงเรียนบ่อวิน (GPS 47P 0723898E, 1443527N)
Sampling Date Aug 06 - Aug 09, 2024
Sampling by Anuwet Tema

Time	Aug 06 - Aug 07, 2024			Aug 07 - Aug 08, 2024			Aug 08 - Aug 09, 2024			-			-			-			-		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		-	-	-	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	0.4	284.0	WNW	0.6	261.0	W	0.7	245.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	0.6	279.0	W	0.9	166.0	SSE	0.8	256.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	0.4	286.0	WNW	0.7	165.0	SSE	0.3	227.0	SW	-	-	-	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	0.8	250.0	WSW	0.8	143.0	SE	0.3	289.0	WNW	-	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.6	217.0	SW	0.5	214.0	SW	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.4	202.0	SSW	0.7	264.0	W	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	0.3	201.0	SSW	0.9	264.0	W	0.5	204.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	0.3	160.0	SSE	1.2	156.0	SSE	0.3	202.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.3	185.0	S	1.1	169.0	S	0.6	202.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.2	-	-	0.3	169.0	S	0.4	104.0	ESE	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.6	165.0	SSE	0.8	169.0	S	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.1	-	-	0.7	197.0	SSW	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	0.4	77.0	ENE	0.4	179.0	S	0.4	194.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	0.3	26.0	NNE	0.3	182.0	S	0.6	157.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	0.5	177.0	S	0.3	115.0	ESE	0.3	157.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	0.1	-	-	0.5	199.0	SSW	0.5	157.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	0.1	-	-	0.9	201.0	SSW	0.4	82.0	E	-	-	-	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	0.4	35.0	NE	0.4	130.0	SE	0.8	77.0	ENE	-	-	-	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	0.6	226.0	SW	0.2	-	-	0.7	63.0	ENE	-	-	-	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	0.7	240.0	WSW	0.3	318.0	NW	0.9	78.0	ENE	-	-	-	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	0.3	204.0	SSW	0.5	179.0	S	0.7	62.0	ENE	-	-	-	-	-	-	-	-	-	-	-	-
10:00 AM - 11:00 AM	0.8	244.0	WSW	0.6	191.0	S	0.8	66.0	ENE	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	0.7	288.0	WNW	1.2	209.0	SSW	0.8	82.0	E	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	0.3	294.0	WNW	0.9	27.0	NNE	0.5	92.0	E	-	-	-	-	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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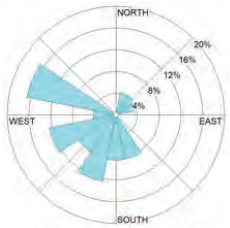
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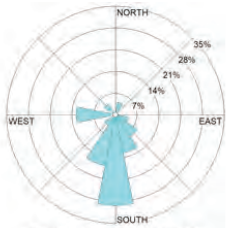
Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha,
Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482470
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059579-1

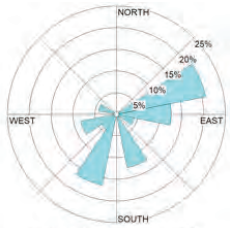
Wind Rose



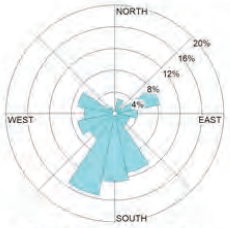
Date : Aug 06-07, 2024



Date : Aug 07-08, 2024



Date : Aug 08-09, 2024



Date : Aug 06-09, 2024

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.00
1.7-3.3	0.00
0.3-1.7	87.50
Calms	12.50

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha,
Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482481
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059601-1

Sample Number 2482481-1 to 3
Parameter Wind Speed / Wind Direction
Location วัดพันเสด็จนอก (GPS 47P 0729638E, 1447551N)
Sampling Date Aug 06 - Aug 09, 2024
Sampling by Anuwet Tema

Time	Aug 06 - Aug 07, 2024		Aug 07 - Aug 08, 2024		Aug 08 - Aug 09, 2024		-			-			-			-		
	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	2.4	281.0 W	0.2	- -	0.2	- -	-	-	-	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	1.2	228.0 SW	1.0	267.0 W	0.2	- -	-	-	-	-	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	1.0	295.0 WNW	0.5	226.0 SW	0.7	309.0 NW	-	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	1.0	317.0 NW	0.6	142.0 SE	0.1	- -	-	-	-	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	2.4	281.0 W	0.4	47.0 NE	0.5	271.0 W	-	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.8	272.0 W	0.2	- -	0.4	268.0 W	-	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.0	- -	0.5	356.0 N	0.2	- -	-	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	1.0	166.0 SSE	0.5	356.0 N	0.6	302.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	2.8	230.0 SW	0.4	356.0 N	1.1	302.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.5	191.0 S	0.8	356.0 N	0.8	302.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.1	- -	0.9	356.0 N	1.6	302.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.0	- -	0.6	356.0 N	0.5	301.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.8	193.0 SSW	0.4	356.0 N	0.4	302.0 WNW	-	-	-	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	0.1	- -	0.4	356.0 N	0.3	348.0 NNW	-	-	-	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	0.0	- -	0.7	356.0 N	0.2	- -	-	-	-	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	0.0	- -	0.4	356.0 N	0.1	- -	-	-	-	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	0.3	194.0 SSW	0.8	356.0 N	0.1	- -	-	-	-	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	0.0	- -	0.0	- -	0.6	348.0 NNW	-	-	-	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	0.3	354.0 N	0.4	260.0 W	0.4	92.0 E	-	-	-	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	0.0	- -	0.7	345.0 NNW	1.2	213.0 SSW	-	-	-	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	0.5	247.0 WSW	0.0	- -	0.4	218.0 SW	-	-	-	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	0.9	219.0 SW	0.1	- -	0.3	223.0 SW	-	-	-	-	-	-	-	-	-	-	-	-
10:00 AM - 11:00 AM	0.6	270.0 W	1.3	235.0 SW	1.2	110.0 ESE	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	0.1	- -	0.5	225.0 SW	0.8	221.0 SW	-	-	-	-	-	-	-	-	-	-	-	-

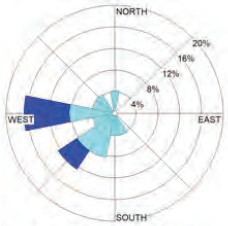
Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

Analysis / Test Report

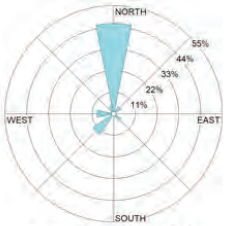
Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha,
Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482481
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059601-1

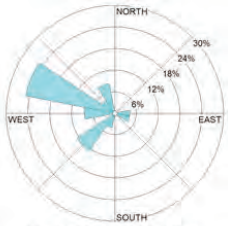
Wind Rose



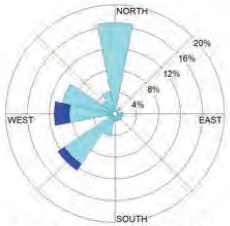
Date : Aug 06-07, 2024



Date : Aug 07-08, 2024



Date : Aug 08-09, 2024



Date : Aug 06-09, 2024

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.00
1.7-3.3	4.17
0.3-1.7	66.67
Calms	29.17

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha,
Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482470
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059579-1

Sample Number 2482470-4 to 6
Parameter Wind Speed / Wind Direction
Location เขตที่พักอาศัยและพาณิชยกรรมในนิคมฯ (GPS 47P 0726911E, 1443649N)
Sampling Date Aug 06 - Aug 09, 2024
Sampling by Anuwet Tema

Time	Aug 06 - Aug 07, 2024		Aug 07 - Aug 08, 2024		Aug 08 - Aug 09, 2024		-		-		-		-	
	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	1.7	319.0 NW	1.8	253.0 WSW	1.6	262.0 W	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	1.6	352.0 N	3.0	280.0 W	1.8	289.0 WNW	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	1.7	251.0 WSW	3.7	257.0 WSW	1.7	261.0 W	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	4.2	273.0 W	1.3	175.0 S	1.7	245.0 WSW	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	3.0	240.0 WSW	1.0	146.0 SE	0.7	240.0 WSW	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	1.7	258.0 WSW	0.0	- -	1.7	252.0 WSW	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.6	276.0 W	0.7	262.0 W	0.9	253.0 WSW	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	1.1	256.0 WSW	0.0	- -	0.0	- -	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	1.6	228.0 SW	0.7	111.0 ESE	0.5	255.0 WSW	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	1.3	141.0 SE	0.7	97.0 E	0.4	188.0 S	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	1.3	174.0 S	0.4	181.0 S	1.5	172.0 S	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	1.1	177.0 S	0.6	236.0 SW	0.1	- -	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.7	81.0 E	1.4	174.0 S	0.5	193.0 SSW	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	2.8	306.0 NW	0.9	195.0 SSW	1.0	160.0 SSE	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	0.6	84.0 E	1.0	184.0 S	0.7	101.0 E	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	0.7	93.0 E	0.0	- -	0.8	99.0 E	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	1.4	176.0 S	0.7	126.0 SE	0.6	124.0 SE	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	0.8	76.0 ENE	0.1	- -	1.1	36.0 NE	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	0.6	66.0 ENE	0.0	- -	0.8	88.0 E	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	0.6	162.0 SSE	0.7	118.0 ESE	0.4	139.0 SE	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	0.7	123.0 ESE	1.6	244.0 WSW	1.3	186.0 S	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	1.2	117.0 ESE	0.8	241.0 WSW	0.9	129.0 SE	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	1.3	278.0 W	2.5	260.0 W	1.1	138.0 SE	-	-	-	-	-	-	-	-
10:00 AM - 11:00 AM	2.4	309.0 NW	0.6	259.0 W	1.2	144.0 SE	-	-	-	-	-	-	-	-

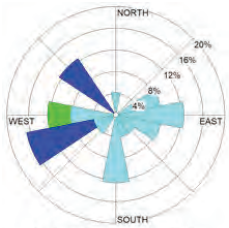
Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

Analysis / Test Report

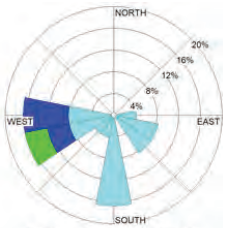
Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha,
Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482470
Date Received :Aug 09, 2024
Date Reported :Aug 14, 2024
Report Number :3059579-1

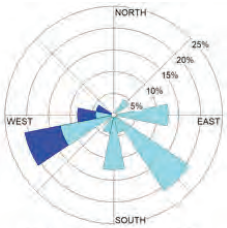
Wind Rose



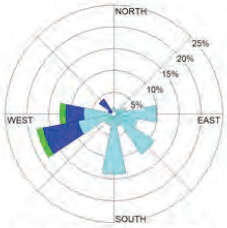
Date : Aug 06-07, 2024



Date : Aug 07-08, 2024



Date : Aug 08-09, 2024



Date : Aug 06-09, 2024

WS (m/s)		%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.00
	3.3-5.5	2.78
	1.7-3.3	18.06
	0.3-1.7	69.44
	Calms	9.72

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.

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ภาคผนวก ค-2

คุณภาพน้ำผิวดิน

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117331-1

Sample Number	2495456-1
Sampled Date	Sep 13, 2024 10:10 AM
Sample Description	Surface Water
Location	หัวยปราบก่อนไหลผ่านด้านข้างพื้นที่นิคมฯ (W1)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	7000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.32	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (F)	Rayong
BOD *	mg/L	-	2	<2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O C	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117331-1

Sample Number	2495456-1
Sampled Date	Sep 13, 2024 10:10 AM
Sample Description	Surface Water
Location	หัวยปราบก่อนไหลผ่านด้านข้างพื้นที่นิคมฯ (W1)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	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
Total Hardness as CaCO3 *	mg/L	-	1	164	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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 Gazettle, 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 :
- 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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117332-1

Sample Number	2495456-2
Sampled Date	Sep 13, 2024 10:20 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่1 (W2)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	13000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.20	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (F)	Rayong
BOD *	mg/L	-	2	<2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O C	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 (C)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117332-1

Sample Number	2495456-2
Sampled Date	Sep 13, 2024 10:20 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่1 (W2)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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							
Nitrate as N *	mg/L	0.015	0.05	1.26	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	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
Total Hardness as CaCO3 *	mg/L	-	1	116	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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 Gazettle, 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 :
- 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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117333-1

Sample Number	2495456-3
Sampled Date	Sep 13, 2024 9:30 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่2 (W3)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	*0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	7900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen <	mg/L	0.02	0.05	0.27	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (F)	Rayong
BOD <	mg/L	-	2	*2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O C	Rayong
Dissolved Oxygen <	mg/L	-	0.1	2.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117333-1

Sample Number	2495456-3
Sampled Date	Sep 13, 2024 9:30 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่2 (W3)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Nitrate as N <	mg/L	0.015	0.05	0.37	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	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
Total Hardness as CaCO3 <	mg/L	-	1	106	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C <	mg/L	-	5	9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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 Gazettle, 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 :
- 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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Oct 09, 2024
Report Number : 3133440-1

Sample Number	2495456-4
Sampled Date	Sep 13, 2024 10:50 AM
Sample Description	Surface Water
Location	หัวยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ(ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS) (W4)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.0009	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.31	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (F)	Rayong
BOD *	mg/L	-	2	<2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O C	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
Nitrate as N *	mg/L	0.015	0.05	0.89	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

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Analysis / Test Report
TESTING
No.0042
Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1
Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Oct 09, 2024
Report Number : 3133440-1

Sample Number 2495456-4
Sampled Date Sep 13, 2024 10:50 AM
Sample Description Surface Water
Location หัวยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ(ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS) (W4)
Date Analysis Commenced Sep 13, 2024
Condition of Sample Contained in two BOD bottles, two glass vials and four plastic bottles, 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		-	-	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
Total Hardness as CaCO3 *	mg/L	-	1	154	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	<5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C

Note : This Analysis test report is reissued to supersede report No.3117334-1, Date Reported : Sep 20, 2024 due to revise analytical information.

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

[redacted]

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Analysis / Test Report

TESTING
No.0009

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24113106
Date Received : Sep 30, 2024
Date Reported : Oct 07, 2024
Report Number : 3125131-1

Sample Number	24113106-1
Sampled Date	Sep 30, 2024 10:20 AM
Sample Description	Surface Water
Location	ห้วยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ(ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS)(W4)
Date Analysis Commenced	Oct 01, 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 (1)	Guideline (2)	Method	Testing Location
Microbiological Testing								
Total Coliform	MPN/100mL	-	-	4900.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : (1) 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 3)
(2) 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)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Warunyoo Chimphalee

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.

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117335-1

Sample Number	2495456-5
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Surface Water
Location	ลำห้วยน้ำไหล(ห้วยมะนาว) ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 150 เมตร (W5)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	*0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	13000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
BOD <	mg/L	-	2	*2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O C	Rayong
Dissolved Oxygen <	mg/L	-	0.1	7.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Nitrate as N <	mg/L	0.015	0.05	0.67	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117335-1

Sample Number	2495456-5
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Surface Water
Location	ลำห้วยน้ำไหล(ห้วยมะนาว) ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 150 เมตร (W5)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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		-	-	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
Total Hardness as CaCO3 <	mg/L	-	1	180	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C <	mg/L	-	5	12	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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 Gazettle, 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 :
- 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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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.

Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2495456
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3117335-2

Sample Number	2495456-5
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Surface Water
Location	ลำห้วยน้ำไหล(ห้วยมะนาว) ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 150 เมตร (W5)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in two BOD bottles, two glass vials and four plastic bottles, 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							
Ammonia Nitrogen	mg/L	0.02	0.05	1.08	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (F)	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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling vy : Chainusorn Lertnanthakunchai

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

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192171-1

Sample Number	24128787-1
Sampled Date	Dec 05, 2024 10:12 AM
Sample Description	Surface Water
Location	หัวยปราบก่อนไหลผ่านด้านข้างพื้นที่นิคมฯ 6W1(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
kA[Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Lead	mg/L	0.0003	0.0005	] 0.0005	≤0.05	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on Onited States Environmental Protection Agency, 2002, EPA Method 1*31, Revision E	BangFoF
Microbiological Testing							
kA[Total Coliform	MPN/100mL	-	-	490.0	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 9221 B	BangFoF
Water Testing							
Ammonia Nitrogen <	mg/L	0.02	0.05	0.34	≤0.5	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-NH3 6&(	Rayong
B) D <	mg/L	-	2	] 2.0	≤4	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5210 B, part 4500 -) C	Rayong
Dissolved) Yygen <	mg/L	-	0.1	5.1	≥2	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-) 6C(	Rayong

Results apply to the sample6(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 6Thailand(strongly recommends that this report is not reproduced eVcept in full.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192171-1

Sample Number	24128787-1
Sampled Date	Dec 05, 2024 10:12 AM
Sample Description	Surface Water
Location	หัวยปราบก่อนไหลผ่านด้านข้างพื้นที่นิคมฯ 6W1(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Nitrate as N <	mg/L	0.015	0.05	1.02	≤5	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-N) 3 6E(	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500 - H 6B(	Rayong
Total Hardness as CaC) 3 <	mg/L	-	1	120	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C <	mg/L	-	5	1*	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2540 D	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 Gazettle, Vol. 111, Part 1*, Dated &ebruary 24, B.E. 2537 6Class 4(n': Change from Natural condition not more than 3 degree C
Sampling By : Suphanat SaFulF

RemarF :
- L) D : Limit of Detection
- "] " : Lower than L) Q 6Limit of Quantitation(/ L) R 6Limit of Reporting(
- Analyte6s(marFed < is/are not included in scope of Accreditation IS) /IEC 17025.
- kA[Analysis conducted by ALS Laboratory Group 6Thailand(Co.,Ltd. BangFoF Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the IS) /IEC 17025.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192172-1

Sample Number	24128787-2
Sampled Date	Dec 05, 2024 10:25 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่1 6W2(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
kA[Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on Onited States Environmental Protection Agency, 2002, EPA Method 1]31, Revision E	BangFoF
Microbiological Testing							
kA[Total Coliform	MPN/100mL	-	-	17000.0	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 9221 B	BangFoF
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.37	≤0.5	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-NH3 6&(	Rayong
B) D *	mg/L	-	2	<2.0	≤4	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5210 B, part 4500 -) C	Rayong
Dissolved) Yygen *	mg/L	-	0.1	5.5	≥2	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-) 6C(	Rayong

Results apply to the sample6(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 6Thailand(strongly recommends that this report is not reproduced eVcept in full.

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192172-1

Sample Number	24128787-2
Sampled Date	Dec 05, 2024 10:25 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่1 6W2(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	2.90	≤5	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-N) 3 6E(	Rayong
pH at 25 degree C		-	-	7.3	5.0-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500 - H 6B(	Rayong
Total Hardness as CaC) 3 *	mg/L	-	1	140	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	7	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2540 D	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 Gazettle, Vol. 111, Part 1] , Dated &ebruary 24, B.E. 2537 6Class 4(n': Change from Natural condition not more than 3 degree C
Sampling By : Suphanat SaFulF

RemarF :
- L) D : Limit of Detection
- "<" : Lower than L) Q 6Limit of Quantitation(/ L) R 6Limit of Reporting(
- Analyte6s(marFed * is/are not included in scope of Accreditation IS) /IEC 17025.
- kA[Analysis conducted by ALS Laboratory Group 6Thailand(Co.,Ltd. BangFoF Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the IS) /IEC 17025.

[redacted]

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Jan 20, 2025
Report Number : 3192173-1 Rev. No.1

Sample Number	24128787-3
Sampled Date	Dec 05, 2024 10:35 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่2 (W3)
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two BOD bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
BOD *	mg/L	-	2	2.4	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O C	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	2.31	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

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.

[redacted]

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Jan 20, 2025
Report Number : 3192173-1 Rev. No.1

Sample Number	24128787-3
Sampled Date	Dec 05, 2024 10:35 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่2 (W3)
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two BOD bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Hardness as CaCO3 *	mg/L	-	1	152	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	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
Note : This Analysis test report is reissued to supersede report No.3192173-1, Date Reported : Dec 13, 2024 due to revise analytical information.

Sampling By : Suphanat Sakulkittimasak

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24141930
Date Received : Dec 24, 2024
Date Reported : Jan 20, 2025
Report Number : 3205962-1 Rev. No.1

Sample Number	24141930-1
Sampled Date	Dec 24, 2024 10:15 AM
Sample Description	Surface Water
Location	หัวยปราบหลังไหลผ่านด้านข้างพื้นที่นิคมฯจุดที่2(W3)
Date Analysis Commenced	Dec 25, 2024
Condition of Sample	Contained in two BOD bottles and three plastic bottles, 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
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	490000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.43	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Note : This Analysis test report is reissued to supersede report No.3205962-1, Date Reported : Jan 02, 2025 due to revise analytical information.

Sampling By : Amonwich Wongsachai

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

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192174-1

Sample Number	24128787-4
Sampled Date	Dec 05, 2024 11:04 AM
Sample Description	Surface Water
Location	หัวยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ6ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS(6W4(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
kA[Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Lead	mg/L	0.0003	0.0005	0.0007	≤0.05	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3125 B,3030 &	BangFoF
kA[Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on Onited States Environmental Protection Agency, 2002, EPA Method 1]31, Revision E	BangFoF
Microbiological Testing							
kA[Total Coliform	MPN/100mL	-	-	3300.0	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 9221 B	BangFoF
Water Testing							
B) D *	mg/L	-	2	<2.0	≤4	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5210 B, part 4500 -) C	Rayong
Dissolved) Yygen *	mg/L	-	0.1	4.5	≥2	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-) 6C(	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.07	≤5	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-N) 3 6E(	Rayong

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3192174-1

Sample Number	24128787-4
Sampled Date	Dec 05, 2024 11:04 AM
Sample Description	Surface Water
Location	หัวยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ6ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS(6W4(
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two B) D bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA, OSEPA(
Physical Property	Uellow, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.0-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500 - H 6B(	Rayong
Total Hardness as CaC) 3 *	mg/L	-	1	232	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	<5	No Standard	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2540 D	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 Gazettle, Vol. 111, Part 1], Dated &ebruary 24, B.E. 2537 6Class 4(
n': Change from Natural condition not more than 3 degree C
Sampling By : Suphanat SaFulF

RemarF :
- L) D : Limit of Detection
- "<" : Lower than L) Q 6Limit of Quantitation(/ L) R 6Limit of Reporting(
- Analyte6s(marFed * is/are not included in scope of Accreditation IS) /IEC 17025.
- kA[Analysis conducted by ALS Laboratory Group 6Thailand(Co.,Ltd. BangFoF Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the IS) /IEC 17025.

Results apply to the sample6s(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 6Thailand(strongly recommends that this report is not reproduced eVcept in full.

Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Monitoring
Project Location : WHA CI5 1

Lot ID: 24141930
Date Received : Dec 24, 2024
Date Reported : Dec 30, 2024
Report Number : 320E973-1

Sample Number	24141930-2
Sampled Date	Dec 24, 2024 10:40 AM
Sample Description	Surface Water
Location	หัวยปราบบริเวณเก็บกักน้ำนอกพื้นที่นิคมฯ6ทางระบายน้ำฝนของนิคมฯ ด้านข้าง NTS(6W4(
Date Analysis Commenced	Dec 2E, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards 6APHA,) S5PA(
Physical Property	Oellow, some odour, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.02	0.0E	0.44	≤0.E	Standard Methods for the 5Uamination of Water and Wastewater. APHA, AWWA Y W5x, 24th ed., 2023, part 4E00-NH3 6x(	Rayong

Guideline : Notification of the National 5nvironmental Board, No. 8, B.5.2E3& issued under the 5nhancement and Conservation of National 5nvironmental F uality Act. B.5.2E3E, published in the Royal Qovernment QaGettle, z ol. 111, Part 17, Dated xebruary 24, B.5. 2E3& 6Class 4(
nV Change from Natural condition not more than 3 degree C
Sampling By : Amonwich Wongsachai

Remar' :
- Lk D : Limit of Detection
- "<" : Lower than Lk F 6Limit of F uantitation(/ Lk R 6Limit of Reporting(

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Jan 20, 2025
Report Number : 3192175-1 Rev. No.1

Sample Number	24128787-5
Sampled Date	Dec 05, 2024 9:54 AM
Sample Description	Surface Water
Location	ลำห้วยน้ำไหล(ห้วยมะนาว) ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 150 เมตร (W5)
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in two glass vials, two BOD bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.0007	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1<31, Revision E	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	17000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Dissolved Oxygen 6	mg/L	-	0.1	5.1	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Nitrate as N 6	mg/L	0.015	0.05	1.30	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.<	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 24128787
Date Received : Dec 05, 2024
Date Reported : Jan 20, 2025
Report Number : 3192175-1 Rev. No.1

Sample Number 24128787-5
Sampled Date Dec 05, 2024 9:54 AM
Sample Description Surface Water
Location ลำห้วยน้ำไหล(ห้วยมะนาว) ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 150 เมตร (W5)
Date Analysis Commenced Dec 05, 2024
Condition of Sample Contained in two glass vials, two BOD bottles and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property Yellow, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Hardness as CaCO3 6	mg/L	-	1	152	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Rayong
Total Suspended Solids Dried at 103-105 degree C 6	mg/L	-	5	15	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental _uality Act. B.E.2535, published in the Royal *overnment *aQettle, zol. 111, Part 1<, Dated February 24, B.E. 2537 (Class 4)
nV Change from Natural condition not more than 3 degree C
Note : This Analysis test report is reissued to supersede report No.3192175-1, Date Reported : Dec 13, 2024 due to revise analytical information.

Sampling By : Suphanat Sakulkittimasak

Remark :
- LOD : Limit of Detection
- '"' : Lower than LO_ (Limit of _uantitation) / LOR (Limit of Reporting)
- Analyte(s) marked 6 is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory *roup (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Monitoring
Project Location : WHA CI5 1

Lot ID: 24141930
Date Received : Dec 24, 2024
Date Reported : Dec 30, 2024
Report Number : 320E974-1

Sample Number	24141930-3
Sampled Date	Dec 24, 2024 9:EE AM
Sample Description	Surface Water
Location	ลำห้วยน้ำไหล6ห้วยมะนาว(ห่างจากจุดระบายน้ำทิ้งจากระบบบำบัด 1E0 เมตร6WE(
Date Analysis Commenced	Dec 2E, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards 6APHA,) S5PA(
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.02	0.0E	0.E0	≤0.E	Standard Methods for the 5Uamination of Water and Wastewater. APHA, AWWA Y W5x, 24th ed., 2023, part 4E00-NH3 6x(	Rayong
B&D	mg/L	-	2	3.4	≤4	Standard Methods for the 5Uamination of Water and Wastewater. APHA, AWWA Y W5x, 24th ed., 2023, part E210 B, part 4E00 - & C	Rayong

Guideline : Notification of the National 5nvironmental Board, No. 8, B.5.2E3F issued under the 5nhancement and Conservation of National 5nvironmental Quality Act. B.5.2E3E, published in the Royal Government Gazettle, Vol. 111, Part 17, Dated xebruary 24, B.5. 2E3F 6Class 4(
n': Change from Natural condition not more than 3 degree C
Sampling By : Amonwich Wongsachai

Remark :
- L&D : Limit of Detection
- "<" : Lower than L&Q 6Limit of Quantitation(/ L&R 6Limit of Reporting(

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ภาคผนวก ค-3

คุณลักษณะน้ำเสียก่อนและหลังเข้าระบบบำบัดน้ำเสียส่วนกลาง

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-1

Sample Number	2472406-1
Sampled Date	Jul 01, 2024 10:00 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	14.4	≤500	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	51	≤750	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	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.0	≤45	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	800	≤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	9.3	≤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	24	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

[redacted]

ทะเบียนเลขที่ ว-323-จ-9449 ทะเบียนเลขที่ ว-323-ค-9442

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

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-1

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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.

ทะเบียนเลขที่ ว-323-จ-9449 ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-2

Sample Number	2472406-1
Sampled Date	Jul 01, 2024 10:00 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.44	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-2

Sample Number	2472406-1
Sampled Date	Jul 01, 2024 10:00 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.09	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	13.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-3

Sample Number	2472406-1
Sampled Date	Jul 01, 2024 10:00 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	330000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
v ater Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	6.3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1346	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling Wy : Paramet Sattayakun , Thanasoun Namakunna

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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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472406
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034153-4

Sample Number	2472406-1
Sampled Date	Jul 01, 2024 10:00 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Paramet Sattayakun ทะเบียนเลขที่ว-323-ค-9476 , Thanasoun Namakunna ทะเบียนเลขที่ว-204-ค-0101

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-1

Sample Number	2472407-1
Sampled Date	Jul 01, 2024 10:15 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 01, 2024
Condition of Sample	Contained in one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preservation standards)APHA, USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	2.5	≤20	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - x G	Rayong
Cx D	mg/L	1.5	25	32	≤120	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
x il & Grease	mg/L	-	3	<3	≤5	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong
Temperature *	Degree C	-	-	31.3	≤40	Standard Methods for the E(amination 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	1120	≤3000	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	11.1	≤100	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg)CY, part NH3)DY	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Technical Management [redacted]

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560)2017Y.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
- Lx D : Limit of Detection
- "<" : Lower than Lx Q)Limit of QuantitationY/ Lx R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISx /IEC 17025.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-2

Sample Number	2472407-1
Sampled Date	Jul 01, 2024 10:15 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preservation standards)APHA, USEPAY
Physical Property	xellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.003	≤0.25	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.14	≤2.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
He(avalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0005	≤0.2	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.12	≤1.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

TESTING
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-2

Sample Number	2472407-1
Sampled Date	Jul 01, 2024 10:15 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preservation standards)APHA, USEPAY
Physical Property	xellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.19	≤5.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	12.8	No Standard	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P)B, EY	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)2017Y.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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- "<" : Lower than LOQ)Limit of QuantitationY/ LOR)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-3

Sample Number	2472407-1
Sampled Date	Jul 01, 2024 10:15 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle and six plastic bottles, 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							
Ammonia Nitrogen	mg/L	0.05	0.1	8.5	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1719	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

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

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

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472407
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034158-4

Sample Number	2472407-1
Sampled Date	Jul 01, 2024 10:15 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 02, 2024
Condition of Sample	Contained in one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preservation standards)APHA, USEPAY
Physical Property	Fellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
<ormaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial parGset by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial parGset by Notification of The Ministry of Industry dated June 07, B.E.2560)2017Y.
Sampling By : Paramet SattayaGun ทะเบียนเลขที่ว-323-ค-9476 , Thanasoun NamaGunna ทะเบียนเลขที่ว-204-ค-0101

RemarG :
- Lk D : Limit of Detection
- Q Q : Lower than Lk O)Limit of OuantitationY/ Lk R)Limit of ReportingY
- Analyte)sYmarGed * is/are not included in scope of Accreditation ISk /IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISk /IEC 17025.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472426
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3034190-1

Sample Number	24f 2426-1
Sampled Date	Jul 01, 2024 10:17 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 02, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coli5orm	MPN/100mL	-	-	2200.0	No Standard	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 9221 B	Bangkok

Guideline : E5luent standard 5or 5actories, industrial estate and industrial park set by Noti5cation o5the Ministry o5Natural Resource and Environment and e5luent standard 5or 5actories and industrial park set by Noti5cation o5The Ministry o5Industry dated June 0f, B.E.2760 (201f).
Sampling By : Thanasoun Namakunna

Remark :
- L*D : Limit o5Detection
- QQO : Lower than L*G (Limit o5Guantitation) / L*R (Limit o5Reporting)
- Analyte(s) marked " is/are not included in scope o5Accreditation IS*/IEC 1f027.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472419
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034159-1

Sample Number	2452419-1
Sampled Date	Jul 16, 2024 11:22 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 16, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards 7APHA, USEPA(
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 7O days at 20 Degree C(	mg/L	-	2.0	20.3	≤C00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part Q210 B, part 4Q00 - Y G	Rayong
CYD	mg/L	1.O	2O	64	≤5O0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part Q220 D	Rayong
Yil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part OQ20 B	Rayong
pH at 2O degree C		-	-	5.1	Q.O-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4Q00 - H 7B(	Rayong
Temperature *	Degree C	-	-	31.O	≤4O	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2Q0 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	O	1008	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2O40 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	5.2	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4Q00-Norg 7C(, part NH3 7D(	Rayong
Total Suspended Solids Dried at 103-10O degree C	mg/L	-	O	1O	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2O40 D	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472419
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034159-1

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2065 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
- LYD : Limit of Detection
- "<" : Lower than LYQ 7Limit of Quantitation(/ LYR 7Limit of Reporting(
- Analyte7s(marked * is/are not included in scope of Accreditation ISY/IEC 1502Q.
- The laboratory has been accepted as an accredited laboratory complying with the ISY/IEC 1502Q.

Results apply to the sample7s(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

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472419
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034179-2

Sample Number	2472419-1
Sampled Date	Jul 16, 2024 11:22 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 17, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.003	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	1.54	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	<0.0005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Zinc	mg/L	0.003	0.005	0.09	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							

[redacted]

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472419
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034179-2

Sample Number	2472419-1
Sampled Date	Jul 16, 2024 11:22 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 17, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	22.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , 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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

[redacted]

ทะเบียนเลขที่ ว-204-จ-0007

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472419
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034179-3

Sample Number	2472419-1
Sampled Date	Jul 16, 2024 11:22 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 17, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	49000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	4.0	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1616	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk , Pattarapol Sawangjaitam

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2486151
Date Received : Jul 30, 2024
Date Reported : Aug 03, 2024
Report Number : 3066813-1

Sample Number	2486151-1
Sampled Date	Jul 30, 2024 9:40 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Jul 31, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, a lot of solid, and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.80	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472421
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034185-1

Sample Number	2472421-1
Sampled Date	Jul 16, 2024 11:34 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 16, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and si(plastic bottles, sample containers comply to pretreatment - preservation standards)APHA, USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	3.4	≤20	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - x G	Rayong
Cx D	mg/L	1.5	25	44	≤120	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
x il & Grease	mg/L	-	3	<3	≤5	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong
Temperature *	Degree C	-	-	30.7	≤40	Standard Methods for the E(amination 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	1020	≤3000	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	10.4	≤100	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg)CY, part NH3)DY	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472421
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034185-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560)2017Y.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
- Lx D : Limit of Detection
- "<" : Lower than Lx Q)Limit of QuantitationY/ Lx R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISx/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISx/IEC 17025.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472421
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034187-2

Sample Number	24(2421-1
Sampled Date	Jul 16, 2024 11:34 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 1(, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and si) plastic bottles, sample containers comply to pretreatment - preservation standards YAPHA, USEPAx
Physical Property	&ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0007	0.004	≤0.27	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok
Cadmium	mg/L	0.0003	0.0007	Not Detected	≤0.03	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok
Copper	mg/L	0.0003	0.0007	0.22	≤2.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok
He)avalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.27	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3700-Cr B	Bangkok
Lead	mg/L	0.0003	0.0007	0.0008	≤0.2	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok
Mercury *	mg/L	0.0001	0.0007	<0.0007	≤0.007	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0007	0.18	≤1.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472421
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034187-2

Sample Number	24(2421-1
Sampled Date	Jul 16, 2024 11:34 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 1(, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and si) plastic bottles, sample containers comply to pretreatment - preservation standards YAPHA, USEPAx
Physical Property	&ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.007	0.14	≤7.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 3127 B, 3030 5	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.7	16.0	No Standard	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA F WE5, 23rd ed., 201(, part 4700-P YB, Ex	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 0(, B.E.2760 Y201(x.
Sampling By : Suphanat Sakulk Z พนักงานเจาะ-323-ว-0021 , Pattarapol Sawangjaitam Z พนักงานเจาะ-204-ว-0002

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ YLimit of Quantitationx / LOR YLimit of Reportingx
- AnalyteYsx marked * is/are not included in scope of Accreditation ISO/IEC 1(027.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1(027.

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472421
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034185-3

Sample Number	2472421-1
Sampled Date	Jul 16, 2024 11:34 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 17, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.05	0.1	6.3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1674	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

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

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

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2472428
Date Received : Jul 16, 2024
Date Reported : Jul 24, 2024
Report Number : 3034216-1

Sample Number	2472428-1
Sampled Date	Jul 16, 2024 11:34 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Jul 17, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	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 : Pattarapol Sawangjaitam

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

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 07, 2024
Report Number : 3063493-1

Sample Number	2484716-1
Sampled Date	Aug 01, 2024 9:52 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, 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							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	20.6	≤500	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	111	≤750	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	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.9	≤45	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	652	≤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	15.1	≤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	19	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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ทะเบียนเลขที่ ว-323-จ-9449 ทะเบียนเลขที่ ว-323-ค-9442

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 07, 2024
Report Number : 3063493-1

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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.

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

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 08, 2024
Report Number : 3063493-2

Sample Number	2484716-1
Sampled Date	Aug 01, 2024 9:52 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 02, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, 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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.003	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.44	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.16	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 08, 2024
Report Number : 3063493-2

Sample Number	2484716-1
Sampled Date	Aug 01, 2024 9:52 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 02, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, 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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.06	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	28.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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[redacted]

Manager
ทะเบียนเลขที่ ว-204-จ-0007

Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 08, 2024
Report Number : 3063493-3

Sample Number	2484716-1
Sampled Date	Aug 01, 2024 9:52 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, 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
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	2400000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
v ater Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	11.2	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1101	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling W : Chainusorn Lertnanthakunchai , Samart Khumphlee

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Manager

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484716
Date Received : Aug 01, 2024
Date Reported : Aug 07, 2024
Report Number : 3063493-4

Sample Number	2484716-1
Sampled Date	Aug 01, 2024 9:52 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, 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							
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ว-323-ค-9461 , Samart Khumphlee ทะเบียนเลขที่ว-204-ค-0084

Remark :
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Scientist (S)
ทะเบียนเลขที่ จ-323-ค-9449

Senior Manager
ทะเบียนเลขที่ จ-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
4ate ReceiDed : Aug 01, 202J
4ate Reported : Aug 0v, 202J
Report Number : 3063J9v-1

Sample Number	2J8Jv19-1
Sampled Date	Aug 01, 202J 10:0f AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 01, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation 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							
BO4 (f days at 20 4egree C)	mg/L	-	2.0	G2.0	≤20	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part f 210 B, part Jf00 - O F	Rayong
CO4	mg/L	1.f	2f	31	≤120	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part f 220 4	Rayong
Oil x Frease	mg/L	-	3	G3	≤f	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part f f 20 B	Rayong
pH at 2f degree C		-	-	v.f	f .f -9.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part Jf00 - H (B)	Rayong
Temperature <	4egree C	-	-	30.f	≤J0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 2f f 0 B	Rayong
Total 4issolDed Solids 4ried at 180 degree C	mg/L	-	f	1220	≤3000	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 2fJ0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	9.3	≤100	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part Jf00-Norg (C), part NH3 (4)	Rayong
Total Suspended Solids 4ried at 103-10f degree C	mg/L	-	f	Gf	≤f0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 2fJ0 4	Rayong

Scientist (S)
ทะเบียนเลขที่ ว-323-จ-9JJ9

Senior Manager
ทะเบียนเลขที่ ว-323-ค-9JJ2

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
4ate ReceiDed : Aug 01, 202J
4ate Reported : Aug 0v, 202J
Report Number : 3063J9v-1

Guideline : E5luent standard 5or 5actories, industrial estate and industrial parj set by Noti5cation o5the Ministry o5Natural Resource and EnDronment and e5luent standard 5or 5actories and industrial parj set by Noti5cation o5The Ministry o5Industry dated _une 0v, B.E.2f 60 (201v).
Sampling By : Chainusorn Lertnanthaj unchai ทะเบียนเลขที่ ว-323-จ-9J61 , Samart *humphlee ทะเบียนเลขที่ ว-20J-จ-008J

Remarj :
- LO4 : Limit o54etection
- "G" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
- Analyte(s) marj ed < is/are not included in scope o5Accreditation ISO/IEC 1v02f.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1v02f.

[redacted]

Scientist (S)
ทะเบียนเลขที่ ว-323-จ-9JJ9

Senior Manager
ทะเบียนเลขที่ ว-323-ค-9JJ2

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
4ate ReceiDed : Aug 01, 202J
4ate Reported : Aug 08, 202J
Report Number : 3063J9v-2

Sample Number	2J8Jv19-1
Sampled Date	Aug 01, 202J 10:0f AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 02, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000f	0.003	k 0.2f	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF
Cadmium	mg/L	0.0003	0.000f	Not 4etected	k 0.03	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF
Copper	mg/L	0.0003	0.000f	0.11	k 2.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF
He7aDalent Chromium	mg/L	0.003	0.01	Not 4etected	k 0.2f	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 3f00-Cr B	BangFoF
Lead	mg/L	0.0003	0.000f	Not 4etected	k 0.2	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF
Mercury ≤	mg/L	0.0001	0.000f	*0.000f	k 0.00f	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 3112	BangFoF
NicFel	mg/L	0.0003	0.000f	0.20	k 1.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF

Manager
ทะเบียนเลขที่ ว-20J-จ-000v

ทะเบียนเลขที่ ว-20J-ค-000J

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
4ate ReceiDed : Aug 01, 202J
4ate Reported : Aug 08, 202J
Report Number : 3063J9v-2

Sample Number	2J8Jv19-1
Sampled Date	Aug 01, 202J 10:0f AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 02, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.00f	0.09	k f .0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part 312f B, 3030 &	BangFoF
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.f	22.3	No Standard	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201v, part Jf 00-P (B, E)	BangFoF

Guideline : E5luent standard 5or 5actories, industrial estate and industrial parF set by Noti5cation o5the Ministry o5Natural Resource and En□ronment and e5luent standard 5or 5actories and industrial parF set by Noti5cation o5The Ministry o5Industry dated˙ une 0v, B.E.2f 60 (201v).
Sampling By : Chainusorn LertnanthaFunchai ทะเบียนเลขที่Q-323-จ-9J61 , Samart Khumphlee ทะเบียนเลขที่Q-20J-จ-008J

RemarF :
- LQ4 : Limit o54etection
- <* < : Lower than LQ" (Limit o5" uantitation) / LQR (Limit o5Reporting)
- Analyte(s) marFed ≤ is/are not included in scope o5Accreditation ISQ/IEC 1v02f .
- The laboratory has been accepted as an accredited laboratory complying with the ISQ/IEC 1v02f .

ทะเบียนเลขที่ จ-20J-จ-000v

ทะเบียนเลขที่ จ-20J-ค-000J

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
Date Received : Aug 01, 2024
Date Reported : Aug 08, 2024
Report Number : 3063497-3

Sample Number	2484719-1
Sampled Date	Aug 01, 2024 10:05 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, 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							
Ammonia Nitrogen	mg/L	0.05	0.1	5.9	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1832	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

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

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

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484719
Date Received : Aug 01, 2024
Date Reported : Aug 08, 2024
Report Number : 3063497-4

Sample Number	2484719-1
Sampled Date	Aug 01, 2024 10:05 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, 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							
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 ทะเบียนเลขที่ว-323-ค-9461 , Samart Khumphlee ทะเบียนเลขที่ว-204-ค-0084

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484733
4ate ReceiDed : Aug 01, 202J
4ate Reported : Aug 08, 202J
Report Number : 3063v16-1

Sample Number	2J8J733-1
Sampled Date	Aug 01, 202J 10:0v AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 02, 202J
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	330.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and EnDronment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated 5une 07, B.E.2v60 (2017).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
- Lj 4 : Limit of 4tection
- Q Q : Lower than Lj O (Limit of Ouantitation) / Lj R (Limit of Reporting)
- Analyte(s) marked < is/are not included in scope of Accreditation ISj /IEC 1702v.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484726
Date Received : Aug 22, 2024
Date Reported : Aug 28, 2024
Report Number : 3063706-1

Sample Number	2484526-1
Sampled Date	Aug 22, 2024 2:04 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 22, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	35.4	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
COD	mg/L	1.7	27	105	≤570	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7220 D	Rayong
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH at 27 degree C		-	-	5.3	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong
Temperature <	Degree C	-	-	31.2	≤47	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2770 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	7	932	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2740 C	Rayong
Total *Kjeldahl Nitrogen as N	mg/L	-	1.0	17.1	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-107 degree C	mg/L	-	7	26	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2740 D	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484726
Date Received : Aug 22, 2024
Date Reported : Aug 28, 2024
Report Number : 3063706-1

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-จ-0072 , Pattarapol Sawangkaitam ทะเบียนเลขที่ ว-204-จ-0002

Remar\ :
- LOD : Limit of Detection
- Q Q : Lower than LO_ (Limit of _uantitation) / LOR (Limit of Reporting)
- Analyte(s) mar\ed < is/are not included in scope of Accreditation ISO/IEC 15027.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484726
Date Received : Aug 22, 2024
Date Reported : Aug 29, 2024
Report Number : 3063506-2

Sample Number	2484726-1
Sampled Date	Aug 22, 2024 2:04 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 23, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.003	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.66	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	<0.0005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.44	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

[redacted]

ทะเบียนเลขที่ ว-204-จ-0007 ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484726
Date Received : Aug 22, 2024
Date Reported : Aug 29, 2024
Report Number : 3063506-2

Sample Number	2484726-1
Sampled Date	Aug 22, 2024 2:04 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 23, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.06	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	13.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-จ-0052 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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ทะเบียนเลขที่ ว-204-จ-0007 ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484726
Date Received : Aug 22, 2024
Date Reported : Aug 29, 2024
Report Number : 3063506-3

Sample Number	2484726-1
Sampled Date	Aug 22, 2024 2:04 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Aug 23, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	3300000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	10.9	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1656	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Narunat thammasaro , Pattarapol Sawangjaitam

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

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484729
4ate ReceiDed : Aug 22, 202J
4ate Reported : Aug 28, 202J
Report Number : 3063v11-1

Sample Number	2J8Jf29-1
Sampled Date	Aug 22, 202J 2:J0 PM
Sample Description	E5Buent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 22, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (v days at 20 4egree C)	mg/L	-	2.0	1f.1	≤20	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part v210 B, part Jv00 - O F	Rayong
CO4	mg/L	1.v	2v	J2	≤120	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part v220 4	Rayong
Oil x Frease	mg/L	-	3	J	≤v	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part vv20 B	Rayong
pH at 2v degree C		-	-	f.2	v.v-9.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part Jv00 - H (B)	Rayong
Temperature G	4egree C	-	-	32.f	≤J0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part 2vv0 B	Rayong
Total 4issolDed Solids 4ried at 180 degree C	mg/L	-	v	10f6	≤3000	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part 2vJ0 C	Rayong
Total <eldahl Nitrogen as N	mg/L	-	1.0	f.9	≤100	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part Jv00-Norg (C), part NH3 (4)	Rayong
Total Suspended Solids 4ried at 103-10v degree C	mg/L	-	v	18	≤v0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201f, part 2vJ0 4	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484729
4ate ReceiDed : Aug 22, 202J
4ate Reported : Aug 28, 202J
Report Number : 3063v11-1

Guideline : E5luent standard 5or 5actories, industrial estate and industrial park set by Noti5cation o5the Ministry o5Natural Resource and EnDronment and e5luent standard 5or 5actories and industrial park set by Noti5cation o5The Ministry o5Industry dated \une 0f , B.E.2v60 (201f).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-จ-00v2 , Pattarapol Sawang*aitam ทะเบียนเลขที่ ว-20J-จ-0002

Remark :
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- Q Q : Lower than LO_ (Limit o5_uantitation) / LOR (Limit o5Reporting)
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484729
4ate ReceiDed : Aug 22, 202J
4ate Reported : Aug 29, 202J
Report Number : 3063v11-2

Sample Number	2J8Jf29-1
Sampled Date	Aug 22, 202J 2:J0 PM
Sample Description	E7luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 23, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preserDation standards)APHA, USEPAY
Physical Property	xellow, some odour, a lot o7solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000v	0.006	k 0.2v	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 312v B, 3030 F	Bang5o5
Cadmium	mg/L	0.0003	0.000v	Not 4etected	k 0.03	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 312v B, 3030 F	Bang5o5
Copper	mg/L	0.0003	0.000v	0.v9	k 2.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 312v B, 3030 F	Bang5o5
He(aDalent Chromium	mg/L	0.003	0.01	Not 4etected	k 0.2v	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 3v00-Cr B	Bang5o5
Lead	mg/L	0.0003	0.000v	0.002	k 0.2	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 312v B, 3030 F	Bang5o5
Mercury ≤	mg/L	0.0001	0.000v	* 0.000v	k 0.00v	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 3112	Bang5o5
Nic5el	mg/L	0.0003	0.000v	0.20	k 1.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 312v B, 3030 F	Bang5o5

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484729
4ate ReceiDed : Aug 22, 202J
4ate Reported : Aug 29, 202J
Report Number : 3063v11-2

Sample Number	2J8Jf29-1
Sampled Date	Aug 22, 202J 2:J0 PM
Sample Description	E7luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 23, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si(plastic bottles, sample containers comply to pretreatment - preserDation standards)APHA, USEPAY
Physical Property	xellow, some odour, a lot o7solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
\inc	mg/L	0.003	0.00v	0.28	k v.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 312v B, 3030 F	Bang5o5
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.v	16.3	No Standard	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part Jv00-P)B, EY	Bang5o5

Guideline : E77luent standard 7or 7actories, industrial estate and industrial par5 set by Noti7cation o7the Ministry o7Natural Resource and En□ronment and e77luent standard 7or 7actories and industrial par5 set by Noti7cation o7The Ministry o7Industry dated _une 0f, B.E.2v60)201f Y.
Sampling By : Narunat thammasaro <Zพ.บ. พนง<เล-323-ข-00v2 , Pattarapol Sawangjaitam <Zพ.บ. พนง<เล-20J-ข-0002

Remar5 :
- LO4 : Limit o74etection
- "* " : Lower than LOQ)Limit o7QuantitationY / LOR)Limit o7ReportingY
- Analyte)sY mar5ed ≤ is/are not included in scope o7Accreditation ISO/IEC 1f02v.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1f02v.

Results apply to the sample)sY as submitted, unless the sampling was conducted by ALS. No part o7this report may be reproduced in any 7orm without written consent 7rom the laboratory.
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484729
4ate ReceiDed : Aug 22, 202J
4ate Reported : Aug 28, 202J
Report Number : 3063v11-3

Sample Number	2J8Jf29-1
Sampled Date	Aug 22, 202J 2:J0 PM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 23, 202J
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards xAPHA, USEPA(
Physical Property	) ellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0v	0.1	3.1	No Standard	In-house method based on Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA Y WE&, 23rd ed., 201f, part Jv00-NH3 x4(	Rayong
ConductiDity at 2v 4egree C	micromhos/cm	-	0.v	16Jf	No Standard	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA Y WE&, 23rd ed., 201f, part 2v10 B	Rayong

Guideline : E55luent standard 5or 5actories, industrial estate and industrial parF set by Noti5cation o5the Ministry o5Natural Resource and En□ronment and e55luent standard 5or 5actories and industrial parF set by Noti5cation o5The Ministry o5Industry dated kune 0f, B.E.2v60 x201f(.
Sampling By : Narunat thammasaro , Pattarapol Sawangjaitam

RemarF :
- LO4 : Limit o54etection
- "<" : Lower than LOQ xLimit o5Quantitation(/ LOR xLimit o5Reporting(

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2484735
Date Received : Aug 22, 2024
Date Reported : Aug 29, 2024
Report Number : 3063518-1

Sample Number	2484735-1
Sampled Date	Aug 22, 2024 2:40 PM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Aug 23, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	7900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	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 : Narunat thammasaro

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2487197
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3091064-1

Sample Number	249f 81f -1
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	In7uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.4	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	111	≤f 50	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5220 D	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater analysis manual, Environmental Engineering Association o7Thailand, 4th ed.,2004	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH at 25 degree C		-	-	f .5	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.2	≤45	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	f 20	≤3000	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	20.9	≤100	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500-Norg (C), part NH3 (D)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2487197
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3091064-1

Sample Number	249f 81f -1
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	In7uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	60	≤200	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2540 D	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Nama_unna ทะเบียนเลขที่ ว-204-จ-0101

Remar_ :
- LOD : Limit o7Detection
- "<" : Lower than LOQ (Limit o7Quantitation) / LOR (Limit o7Reporting)
- Analyte(s) mar_ed * is/are not included in scope o7Accreditation ISO/IEC 1f025.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2487197
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3091064-2

Sample Number	2497817-1
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.005	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.30	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.15	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2487197
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3091064-2

Sample Number	2497817-1
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.10	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	9.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2487197
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3091064-3

Sample Number	2497817-1
Sampled Date	Sep 13, 2024 9:55 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	490000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
v ater Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	16.8	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1318	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling W : Surawit Narapong , Thanasoun Namakunna

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498912
4ate ReceiDed : Sep 13, 202J
4ate Reported : Sep 20, 202J
Report Number : 3093801-1

Sample Number	2J98912-1
Sampled Date	Sep 13, 202J 9:J5 AM
Sample Description	Ewluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 13, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and sif plastic bottles, sample containers comply to pretreatment - preserDation standards 7APHA, USEPA(
Physical Property	) ellow, a lot ov odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY4 75 days at 20 4egree C(	mg/L	-	2.0	&3	≤20	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 5210 B, part J500 - Y F	Rayong
CY4	mg/L	1.5	25	31	≤120	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 5220 4	Rayong
xormaldehyde	mg/L	0.03	0.1	Not 4etected	≤1.0	Wastewater analysis manual, EnDironmental Engineering Association ov Thailand, Jth ed.,200J	Rayong
Yil O Frease	mg/L	-	3	G3	≤5	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 5520 B	Rayong
pH at 25 degree C		-	-	&3	5.5-9.0	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part J500 - H 7B(	Rayong
Temperature <	4egree C	-	-	31.3	≤J0	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 2550 B	Rayong
Total 4issolDed Solids 4ried at 180 degree C	mg/L	-	5	1250	≤3000	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 25J0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	3.6	≤100	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part J500-Norg 7C(, part NH3 74(	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498912
4ate ReceiDed : Sep 13, 202J
4ate Reported : Sep 20, 202J
Report Number : 3093801-1

Sample Number	2J98912-1
Sampled Date	Sep 13, 202J 9:J5 AM
Sample Description	Ewluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 13, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and sif plastic bottles, sample containers comply to pretreatment - preserDation standards 7APHA, USEPA(
Physical Property	) ellow, a lot ov odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids 4ried at 103-105 degree C	mg/L	-	5	13	≤50	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA O WEx, 23rd ed., 2018, part 25J0 4	Rayong

Guideline : Ewluent standard vor vactories, industrial estate and industrial par\ set by Notivication ov the Ministry ov Natural Resource and EnDironment and ewluent standard vor vactories and industrial par\ set by Notivication ov The Ministry ov Industry dated _une 08, B.E.2560 72018(.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Nama\unna ทะเบียนเลขที่ ว-20J-จ-0101

Remar\ :
- LY4 : Limit ov 4etection
- "G" : Lower than LYQ 7Limit ov Quantitation(/ LYR 7Limit ov Reporting(
- Analyte7s(mar\ed < is/are not included in scope ov Accreditation ISY/IEC 18025.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498912
4ate ReceiDed : Sep 13, 202J
4ate Reported : Sep 20, 202J
Report Number : 3093801-2

Sample Number	2J98912-1
Sampled Date	Sep 13, 202J 9:J5 AM
Sample Description	Ewluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 1J, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and sif plastic bottles, sample containers comply to pretreatment - preserDation standards 7APHA, USEPA(
Physical Property	) ellow, a lot ov odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.00J	k 0.25	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF
Cadmium	mg/L	0.0003	0.0005	Not 4etected	k 0.03	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF
Copper	mg/L	0.0003	0.0005	0.53	k 2.0	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF
Hef aDalent Chromium	mg/L	0.003	0.01	Not 4etected	k 0.25	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3500-Cr B	BangFoF
Lead	mg/L	0.0003	0.0005	0.0008	k 0.2	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF
Mercury ≤	mg/L	0.0001	0.0005	* 0.0005	k 0.005	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3112	BangFoF
NicFel	mg/L	0.0003	0.0005	0.09	k 1.0	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498912
4ate ReceiDed : Sep 13, 202J
4ate Reported : Sep 20, 202J
Report Number : 3093801-2

Sample Number	2J98912-1
Sampled Date	Sep 13, 202J 9:J5 AM
Sample Description	Ewluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 1J, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and sif plastic bottles, sample containers comply to pretreatment - preserDation standards 7APHA, USEPA(
Physical Property	) ellow, a lot ov odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.25	k 5.0	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part 3125 B, 3030 x	BangFoF
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.5	10.J	No Standard	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA Y WEx, 23rd ed., 2018, part J500-P 7B, E(	BangFoF

Guideline : Ewluent standard vor vactories, industrial estate and industrial parF set by Notivication ov the Ministry ov Natural Resource and EnDironment and ewluent standard vor vactories and industrial parF set by Notivication ov The Ministry ov Industry dated ˙ une 08, B.E.2560 7201840.
Sampling By : Surawit Narapong ทะเบียนเลขที่Q-323-จ-0011 , Thanasoun NamaFunna ทะเบียนเลขที่Q-20J-จ-0101

RemarF :
- LQ4 : Limit ov 4etection
- <* < : Lower than LQ" 7Limit ov " uantitation(/ LQR 7Limit ov Reporting(
- Analyte7s(marFed ≤ is/are not included in scope ov Accreditation ISQ/IEC 18025.
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498912
4ate ReceiDed : Sep 13, 202J
4ate Reported : Sep 20, 202J
Report Number : 3093801-3

Sample Number	2J98912-1
Sampled Date	Sep 13, 202J 9:J5 AM
Sample Description	Ewluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 1J, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and sif plastic bottles, sample containers comply to pretreatment - preserDation standards 7APHA, USEPAx
Physical Property	(ellow, a lot ovodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.05	0.1	1.&	No Standard	In-house method based on Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA) WEY, 23rd ed., 2018, part J500-NH3 74x	Rayong
ConductiDity at 25 4egree C	micromhos/cm	-	0.5	1698	No Standard	Standard Methods vor the Ef amination ov Water and Wastewater. APHA, AWWA) WEY, 23rd ed., 2018, part 2510 B	Rayong

Guideline : Ewluent standard vor vactories, industrial estate and industrial parF set by Notivication ov the Ministry ov Natural Resource and EnDronment and ewluent standard vor vactories and industrial parF set by Notivication ov The Ministry ov Industry dated kune 08, B.E.2560 72018x.
Sampling By : Surawit Narapong , Thanasoun NamaFunna

RemarF :
- LO4 : Limit ov4etection
- "<" : Lower than LOQ 7Limit ov Quantitationx / LOR 7Limit ov Reportingx

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498925
Date Received : Sep 13, 2024
Date Reported : Sep 20, 2024
Report Number : 3093816-1

Sample Number	249892f -1
Sampled Date	Sep 13, 2024 9:46 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards 7APHA, USEPA(
Physical Property	) ellow, a lot o5odour, some solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coli5orm	MPN/100mL	-	-	13000.0	No Standard	Standard Methods 5or the EYamination o5Water and Wastewater. APHA, AWWA x WE&, 23rd ed., 201F, part 9221 B	Bangkok

Guideline : E5luent standard 5or 5actories, industrial estate and industrial park set by Noti5cation o5the Ministry o5Natural Resource and Environment and e5luent standard 5or 5actories and industrial park set by Noti5cation o5The Ministry o5Industry dated June 0F, B.E.2f 60 7201F(.
Sampling By : Thanasoun Namakunna

Remark :
- LOD : Limit o5Detection
- "<" : Lower than LOQ 7Limit o5Quantitation(/ LOR 7Limit o5Reporting(
- Analyte7s(marked * is/are not included in scope o5Accreditation ISO/IEC 1F02f .
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1F02f .

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498919
Date Received : Sep 20, 2024
Date Reported : Sep 27, 2024
Report Number : 3093810-1

Sample Number	2498919-1
Sampled Date	Sep 20, 2024 1:55 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 20, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	28.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	72	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature <	Degree C	-	-	32.4	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	860	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total *Kjeldahl Nitrogen as N	mg/L	-	1.0	10.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	16	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498919
Date Received : Sep 20, 2024
Date Reported : Sep 27, 2024
Report Number : 3093810-1

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-จ-0023 , Pattarapol Sawangkaitam ทะเบียนเลขที่ ว-204-จ-0002

Remar\ :
- LOD : Limit of Detection
- Q Q : Lower than LO_ (Limit of _uantitation) / LOR (Limit of Reporting)
- Analyte(s) mar\ed < is/are not included in scope of Accreditation ISO/IEC 17025.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498919
Date Received : Sep 20, 2024
Date Reported : Sep 25, 2024
Report Number : 3093810-2

Sample Number	2498919-1
Sampled Date	Sep 20, 2024 1:77 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0007	0.002	≤0.27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0007	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0007	0.72	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3700-Cr B	Bangkok
Lead	mg/L	0.0003	0.0007	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok
Mercury <	mg/L	0.0001	0.0007	Not Detected	≤0.007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0007	0.14	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498919
Date Received : Sep 20, 2024
Date Reported : Sep 25, 2024
Report Number : 3093810-2

Sample Number	2498919-1
Sampled Date	Sep 20, 2024 1:77 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.007	0.08	≤7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3127 B,3030 F	Bangkok
Water Testing							
Total Phosphorus as P <	mg/L	0.2	0.7	39.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4700-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : Keneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Phongthep Sitthiloh * พนักงานเอ* ลำ-323-ว-0023 , Pattarapol Sawang aitam * พนักงานเอ* ลำ-204-ว-0002

Remark :
- Lj D : Limit of Detection
- Q Q : Lower than Lj O (Limit of Ouantitation) / Lj R (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0009

Lot ID: 2498919

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Sep 20, 2024
Date Reported : Sep 27, 2024
Report Number : 3093810-3

Sample Number	2498919-1
Sampled Date	Sep 20, 2024 1:55 PM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Sep 21, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	790000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
v ater Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	7.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1421	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling Wy : Phongthep Sitthiloh , Pattarapol Sawangjaitam

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

TESTING
No.0042

Lot ID: 2498921

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093811-1

Sample Number	2J98921-1
Sampled Date	Sep 20, 202J 2:0f PM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 20, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (f days at 20 4egree C)	mg/L	-	2.0	12.2	≤20	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part f 210 B, part Jf 00 - O F	Rayong
CO4	mg/L	1.f	2f	f J	≤120	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part f 220 4	Rayong
Oil x Frease	mg/L	-	3	G3	≤f	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part f f 20 B	Rayong
pH at 2f degree C		-	-	v.1	f .f -9.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part Jf 00 - H (B)	Rayong
Temperature <	4egree C	-	-	32.6	≤J0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part 2f f 0 B	Rayong
Total 4issolDed Solids 4ried at 180 degree C	mg/L	-	f	9v0	≤3000	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part 2f J0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	6.1	≤100	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part Jf 00-Norg (C), part NH3 (4)	Rayong
Total Suspended Solids 4ried at 103-10f degree C	mg/L	-	f	20	≤f 0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA x WE&, 2J1h ed., 2023, part 2f J0 4	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498921
4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093811-1

Guideline : E5luent standard 5or 5actories, industrial estate and industrial par\ set by Noti5cation o5the Ministry o5Natural Resource and EnDronment and e5luent standard 5or 5actories and industrial par\ set by Noti5cation o5The Ministry o5Industry dated _une 0v, B.E.2f 60 (201v).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-จ-0023 , Pattarapol Sawangkaitam ทะเบียนเลขที่ ว-20J-จ-0002

Remar\ :
- LO4 : Limit o54etection
- "G" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
- Analyte(s) mar\ed < is/are not included in scope o5Accreditation ISO/IEC 1v02f.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1v02f.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498921
4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093811-2

Sample Number	2J98921-1
Sampled Date	Sep 20, 202J 2:0f PM
Sample Description	E7luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 23, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and si(plastic bottles, sample containers comply to pretreatment - preserDation standards)APHA, USEPAY
Physical Property	xellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000f	0.003	k 0.2f	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 312f B,3030 F	Bang5o5
Cadmium	mg/L	0.0003	0.000f	Not 4etected	k 0.03	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 312f B,3030 F	Bang5o5
Copper	mg/L	0.0003	0.000f	0.32	k 2.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 312f B,3030 F	Bang5o5
He(aDalent Chromium	mg/L	0.003	0.01	Not 4etected	k 0.2f	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 3f 00-Cr B	Bang5o5
Lead	mg/L	0.0003	0.000f	≤0.000f	k 0.2	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 312f B,3030 F	Bang5o5
Mercury *	mg/L	0.0001	0.000f	Not 4etected	k 0.00f	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 3112	Bang5o5
Nic5el	mg/L	0.0003	0.000f	0.12	k 1.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 312f B,3030 F	Bang5o5

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498921
4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093811-2

Sample Number	2J98921-1
Sampled Date	Sep 20, 202J 2:0f PM
Sample Description	E7luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 23, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and si(plastic bottles, sample containers comply to pretreatment - preserDation standards)APHA, USEPAY
Physical Property	xellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
\inc	mg/L	0.003	0.00f	0.20	k f .0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2J1th ed., 2023, part 312f B,3030 F	Bang5o5
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.f	18.J	No Standard	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA & WEF, 2J1th ed., 2023, part Jf 00-P)B, EY	Bang5o5

Guideline : E77luent standard 7or 7actories, industrial estate and industrial par5 set by Noti7cation o7the Ministry o7Natural Resource and En□ronment and e77luent standard 7or 7actories and industrial par5 set by Noti7cation o7The Ministry o7Industry dated _une 0v, B.E.2f 60)201vY.
Sampling By : Phongthep Sitthiloh <Z¾ ü ¾น<เล-323-ย-0023 , Pattarapol Sawangjaitam <Z¾ ü ¾น<เล-20J-ย-0002

Remar5 :
- LO4 : Limit o74etection
- "≤" : Lower than LOQ)Limit o7QuantitationY / LOR)Limit o7ReportingY
- Analyte)sY mar5ed * is/are not included in scope o7Accreditation ISO/IEC 1v02f .
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1v02f .

Results apply to the sample)sY as submitted, unless the sampling was conducted by ALS. No part o7this report may be reproduced in any 7orm without written consent 7rom the laboratory.
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 2498921
4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093811-3

Sample Number	2J98921-1
Sampled Date	Sep 20, 202J 2:0f PM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 21, 202J
Condition of Sample	Contained in one amber glass bottle, two glass Dials and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards xAPHA, USEPA(
Physical Property	) ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0f	0.1	2.v	No Standard	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA Y WE&, 2J1th ed., 2023, part Jf 00-NH3 x4 (	Rayong
ConductiDity at 2f 4egree C	micromhos/cm	-	0.f	168J	No Standard	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA Y WE&, 2J1th ed., 2023, part 2f 10 B	Rayong

Guideline : E55luent standard 5or 5actories, industrial estate and industrial parF set by Noti5cation o5the Ministry o5Natural Resource and En□ronment and e55luent standard 5or 5actories and industrial parF set by Noti5cation o5The Ministry o5Industry dated kune 0v, B.E.2f 60 x201v(.
Sampling By : Phongthep Sitthiloh , Pattarapol Sawangjaitam

RemarF :
- LO4 : Limit o54etection
- "<" : Lower than LOQ xLimit o5Quantitation(/ LOR xLimit o5Reporting(

Analysis / Test Report

TESTING
No.0009

Lot ID: 2498926

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

4ate ReceiDed : Sep 20, 202J
4ate Reported : Sep 2v, 202J
Report Number : 3093819-1

Sample Number	2J98926-1
Sampled Date	Sep 20, 202J 2:07 PM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Sep 21, 202J
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	2J0000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Jth ed., 2023, part 9221 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and EnDronment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated 5une 0v, B.E.2760 (201v).
Sampling By : Phongthep Sitthiloh

Remark :
- Lj 4 : Limit of 4tection
- Q Q : Lower than Lj O (Limit of Ouantitation) / Lj R (Limit of Reporting)
- Analyte(s) marked < is/are not included in scope of Accreditation ISj /IEC 1v027.
- The laboratory has been accepted as an accredited laboratory complying with the ISj /IEC 1v027.

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111684

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

vate Recei7ed : 4ct 02, 202D
vate Reported : 4ct 09, 202D
Report Number : 3121DD8-1

Sample Number	2D11168D-1
Sampled Date	4ct 02, 202D 9:30 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ct 02, 202D
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles. Sample containers comply to pretreatment - preser7ation standards 5APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v 5Y days at 20 vegree C(	mg/L	-	2.0	12.3	≤300	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part Y210 B, part DY00 - 4 F	Rayong
C4v	mg/L	1.Y	2Y	D3	≤600	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part Y220 v	Rayong
&ormaldehyde	mg/L	0.03	0.1	0.2	≤1	Wastewater analysis manual, En7ironmental Engineering Association of Thailand, Dth ed.,200D	Rayong
4il x Frease	mg/L	-	3	G3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part YY20 B	Rayong
pH at 2Y degree C		-	-	<D	Y.Y-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part DY00 - H 5B(	Rayong
Temperature *	vegree C	-	-	30.6	≤DY	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2YY0 B	Rayong
Total vissol7ed Solids vried at 180 degree C	mg/L	-	Y	1310	≤3000	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2YD0 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<2	≤100	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part DY00-Norg 5C(, part NH3 5v (	Rayong

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111684

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

v ate Recei7ed : 4 ct 02, 202D
v ate Reported : 4 ct 09, 202D
Report Number : 3121DD8-1

Sample Number	2D11168D-1
Sampled Date	4 ct 02, 202D 9:30 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4 ct 02, 202D
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles. Sample containers comply to pretreatment - preser7ation standards 5APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids v ried at 103-10Y degree C	mg/L	-	Y	16	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2YD0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2Y6< : Feneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnantha_unchai ทะเบียนเลขที่ ว-323-จ-00D1 , Kardbundit Kitisupa7anit ทะเบียนเลขที่ ว-20D-จ-0001

Remar_ :
- L4 v : Limit of v etection
- "G" : Lower than L4 Q 5Limit of Quantitation(/ L4 R 5Limit of Reporting(
- Analyte5s(mar_ed * is/are not included in scope of Accreditation IS4 /IEC 1<02Y.
- The laboratory has been accepted as an accredited laboratory complying with the IS4 /IEC 1<02Y.

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24111684

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

v ate Receif ed : 4 ct 02, 202D
v ate Reported : 4 ct 09, 202D
Report Number : 3121DD8-2

Sample Number	2D11168D-1
Sampled Date	4 ct 02, 202D 9:30 AM
Sample Description	In7luent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4 ct 03, 202D
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles. Sample containers comply to pretreatment - preserf ation standards 5APHA / USEPA(
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000F	0.00D	≤0.2F	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok
Cadmium	mg/L	0.0003	0.000F	Not v etected	≤0.03	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok
Copper	mg/L	0.0003	0.000F	0.33	≤2.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok
HeYaf alent Chromium	mg/L	0.003	0.01	Not v etected	≤0.2F	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3F00-Cr B	Bangkok
Lead	mg/L	0.0003	0.000F	Not v etected	≤0.2	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok
Mercury <	mg/L	0.0001	0.000F	Not v etected	≤0.00F	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.000F	0.02	≤1.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111684
v ate Receif ed : 4 ct 02, 202D
v ate Reported : 4 ct 09, 202D
Report Number : 3121DD8-2

Sample Number	2D11168D-1
Sampled Date	4 ct 02, 202D 9:30 AM
Sample Description	In7uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4 ct 03, 202D
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles. Sample containers comply to pretreatment - preserf ation standards 5APHA / USEPA(
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.00F	0.33	≤F.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312F B,3030 &	Bangkok
Water Testing							
Total Phosphorus as P <	mg/L	0.2	0.F	1D.9	No Standard	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part DF00-P 5B, E(	Bangkok

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2F6_ : Keneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai * หน่วยงานลูกค้า-323-ว-00D1 , จารดbundit จitisupaf anit * หน่วยงานลูกค้า-20D-ว-0001

Remark :
- L4 v : Limit o7 v etection
- Q' Q : Lower than L4 O 5Limit o7Ouantitation(/ L4 R 5Limit o7Reporting(
- Analyte5s(marked < is/are not included in scope o7Accreditation IS4/IEC 1_02F.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1_02F.

Results apply to the sample5s(as submitted, unless the sampling was conducted by ALS. No part o7this report may be reproduced in any 7orm without written consent 7rom the laboratory.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111684
Date Received : Oct 02, 2024
Date Reported : Oct 09, 2024
Report Number : 3121448-3

Sample Number	24111684-1
Sampled Date	Oct 02, 2024 9:30 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Oct 03, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	1300000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	2042	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai , Kardbundit Kitisupavanit

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24888716
Date Received : J ct 02, 2024
Date Reported : J ct 09, 2024
Report Number : 3121453-1

Sample Number	24111687-1
Sampled Date	J ct 02, 2024 9:45 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 02, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and si(plastic bottles. Sample containers comply to pretreatment - preservation standards)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BJ D)5 days at 20 Degree CY	mg/L	-	2.0	11.9	≤20	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5210 B, part 4500 - J F	Rayong
CJ D	mg/L	1.5	25	29	≤120	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5220 D	Rayong
&ormaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong
J il x Frease	mg/L	-	3	G3	≤5	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500 - H)BY	Rayong
Temperature <	Degree C	-	-	31.2	≤40	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1030	≤3000	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2540 C	Rayong
Total *Kjeldahl Nitrogen as N	mg/L	-	1.0	6.6	≤100	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4500-Norg)CY, part NH3)DY	Rayong

Results apply to the sample)sY 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

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24888716
Date Received : J ct 02, 2024
Date Reported : J ct 09, 2024
Report Number : 3121453-1

Sample Number	24111687-1
Sampled Date	J ct 02, 2024 9:45 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 02, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and si(plastic bottles. Sample containers comply to pretreatment - preservation standards)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	≤50	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial par\ set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial par\ set by Notification of The Ministry of Industry dated _une 07, B.E.2560)2017Y.
Sampling By : Chainusorn Lertnantha\unchai ทะเบียนเลขที่ ว-323-จ-0041 , *ardbundit *itisupavanit ทะเบียนเลขที่ ว-204-จ-0001

Remar\ :
- LJ D : Limit of Detection
- "G" : Lower than LJ Q)Limit of QuantitationY/ LJ R)Limit of ReportingY
- Analyte)sYmar\ed < is/are not included in scope of Accreditation ISJ /IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISJ /IEC 17025.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24888716
Date Received : J ct 02, 2024
Date Reported : J ct 09, 2024
Report Number : 3121453-2

Sample Number	24111687-1
Sampled Date	J ct 02, 2024 9:45 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 03, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and si(plastic bottles. Sample containers comply to pretreatment - preservation standards)APHA / USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.25	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.28	≤2.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
He(avalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0009	≤0.2	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.08	≤1.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24888716
Date Received : J ct 02, 2024
Date Reported : J ct 09, 2024
Report Number : 3121453-2

Sample Number	24111687-1
Sampled Date	J ct 02, 2024 9:45 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 03, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and si(plastic bottles. Sample containers comply to pretreatment - preservation standards)APHA / USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.18	≤5.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	11.4	No Standard	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-P)B, EY	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˙ une 07, B.E.2560)2017Y.
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่Ɑ-323-จ-0041 , Kardbundit Kitisupavanit ทะเบียนเลขที่Ɑ-204-จ-0001

Remark :
- LJ D : Limit of Detection
- "<" : Lower than LJ Q)Limit of QuantitationY/ LJ R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISJ /IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISJ /IEC 17025.

Results apply to the sample)sY 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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5317-124/ EMAIL S:\Reports\Mi(Ref_All_GL.rpt) 2:31PMY

Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111687
v ate Recei7ed : 4 ct 02, 202D
v ate Reported : 4 ct 09, 202D
Report Number : 3121Df 3-3

Sample Number	2D11168x-1
Sampled Date	4 ct 02, 202D 9:Df AM
Sample Description	E55uent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	4 ct 03, 202D
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and si(plastic bottles. Sample containers comply to pretreatment - preser7ation standards)APHA / USEPAY
Physical Property	&ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0f	0.1	3.f	No Standard	Standard Methods 5or the E(amination o5Water and Wastewater. APHA, AWWA F WEk, 2Dth ed., 2023, part Df 00-NH3)v Y	Rayong
Conducti7ity at 2f v egree C	micromhos/cm	-	0.f	1628	No Standard	Standard Methods 5or the E(amination o5Water and Wastewater. APHA, AWWA F WEk, 2Dth ed., 2023, part 2f 10 B	Rayong

Guideline : E55uent standard 5or 5actories, industrial estate and industrial parJ set by Noti5cation o5the Ministry o5Natural Resource and En7ironment and e55uent standard 5or 5actories and industrial parJ set by Noti5cation o5The Ministry o5Industry dated Kune 0x, B.E.2f 60)201xY.
Sampling By : Chainusorn LertnanthaJunchai , Cardbundit Oitisupa7anit

RemarJ :
- L4v : Limit o5v etection
- "<" : Lower than L4Q)Limit o5QuantitationY / L4R)Limit o5ReportingY

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111708
Date Received : Oct 02, 2024
Date Reported : Oct 09, 2024
Report Number : 3121490-1

Sample Number	24111708-1
Sampled Date	Oct 02, 2024 9:45 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Oct 03, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	7000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	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 : Kardbundit Kitisupavanit

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111701
7ate Receif ed : 4ct 1D, 202v
7ate Reported : 4ct 2v, 202v
Report Number : 3121vD6-1

Sample Number	2v111D01-1
Sampled Date	4ct 1D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ct 1D, 202v
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles, sample containers comply to pretreatment - preserf ation standards (APHA, USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B47 (Odays at 20 7egree C)	mg/L	-	2.0	v2.6	≤C00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part C210 B, part vC00 - 4 G	Rayong
C47	mg/L	1.O	2O	132	≤DC0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part C220 7	Rayong
4il & Grease	mg/L	-	3	3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part C020 B	Rayong
pH at 2O degree C		-	-	D.O	O.O-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v000 - H (B)	Rayong
Temperature <	7egree C	-	-	31.1	≤vO	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2C00 B	Rayong
Total 7issolf ed Solids 7ried at 180 degree C	mg/L	-	O	960	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2Ov0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	20.v	≤100	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v000-Norg (C), part NH3 (7)	Rayong
Total Suspended Solids 7ried at 103-10O degree C	mg/L	-	O	3v	≤200	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2Ov0 7	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111701
7ate Receif ed : 4ct 1D, 202v
7ate Reported : 4ct 2v, 202v
Report Number : 3121vD6-1

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2O6D : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , *ardbundit *itisupaf anit ทะเบียนเลขที่ ว-20v-จ-0001

Remar\ :
- L47 : Limit o57etection
- Q Q : Lower than L4_ (Limit o5_uantitation) / L4R (Limit o5Reporting)
- Analyte(s) mar\ed < is/are not included in scope o5Accreditation IS4/IEC 1D02O.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1D02O.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111701
f ate Recei7ed : 4 ct 1D, 202v
f ate Reported : 4 ct 2v, 202v
Report Number : 3121vD6-2

Sample Number	2v111D01-1
Sampled Date	4 ct 1D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4 ct 18, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000k	0.003	<0.2k	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤
Cadmium	mg/L	0.0003	0.000k	Not f etected	<0.03	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤
Copper	mg/L	0.0003	0.000k	1.21	<2.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤
Hexa7alent Chromium	mg/L	0.003	0.01	Not f etected	<0.2k	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 3k00-Cr B	Bang≤o≤
Lead	mg/L	0.0003	0.000k	Not f etected	<0.2	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤
Mercury *	mg/L	0.0001	0.000k	ท0.000k	<0.00k	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 3112	Bang≤o≤
Nic≤el	mg/L	0.0003	0.000k	0.010	<1.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111701
f ate Recei7ed : 4 ct 1D, 202v
f ate Reported : 4 ct 2v, 202v
Report Number : 3121vD6-2

Sample Number	2v111D01-1
Sampled Date	4 ct 1D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4 ct 18, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
' inc	mg/L	0.003	0.00k	0.10	<k.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312k B,3030 F	Bang≤o≤
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.k	19.2	No Standard	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part vk00-P (B, E)	Bang≤o≤

Guideline : Noti5ication o5the Industrial Estate Authority o5Thailand No.029/2k6D : ค eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ะ เบ ยลบวะ ติ-323-K-0011 , Gardbundit Gitisupa7anit ะ เบ ยลบวะ ติ-20v-K-0001

Remar≤ :
- L4 f : Limit o5f etection
- "ท" : Lower than L4 Q (Limit o5Quantitation) / L4 R (Limit o5Reporting)
- Analyte(s) mar≤ed * is/are not included in scope o5Accreditation IS4/IEC 1D02k.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1D02k.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111701
v ate Receif ed : Oct 14, 202D
v ate Reported : Oct 2D, 202D
Report Number : 3121D46-3

Sample Number	2D111401-1
Sampled Date	Oct 14, 202D 9:30 AM
Sample Description	In(luent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Oct 18, 202D
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles, sample containers comply to pretreatment - preserf ation standards)APHA, USEPAY
Physical Property	xellow, a lot o(odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coli(orm	MPN/100mL	-	-	3300000.0	No Standard	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA F WEk, 2Dth ed., 2023, part 9221 B	Bang5o5
Water Testing							
Ammonia Nitrogen 7	mg/L	0.0*	0.1	16.*	No Standard	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA F WEk, 2Dth ed., 2023, part D*00-NH3)v Y	Rayong
Conductif ity at 2* v egree C 7	micromhos/cm	-	0.*	1619	No Standard	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA F WEk, 2Dth ed., 2023, part 2*10 B	Rayong

Guideline : Noti(ication o(the Industrial Estate Authority o(Thailand No.029/2*64 : General Standards (or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong , Kardbundit Kitisupaf anit

Remar5 :
- LOv : Limit o(v etection
- "<" : Lower than LOQ)Limit o(QuantitationY/ LOR)Limit o(ReportingY
- Analyte)sY mar5ed 7 is/are not included in scope o(Accreditation ISO/IEC 1402*.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1402*.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111702
v ate Recei5ed : J ct 14, 202D
v ate Reported : J ct 2D, 202D
Report Number : 3121D83-1

Sample Number	2D111402-1
Sampled Date	J ct 14, 202D 9:70 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 14, 202D
Condition of Sample	Contained in two glass 5ials, two amber glass bottles and si(plastic bottles, sample containers comply to pretreatment - preser5ation standards)APHA, USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BJ v)7 days at 20 v egree CY	mg/L	-	2.0	11.1	≤20	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7210 B, part D700 - J F	Rayong
CJ v	mg/L	1.7	27	30	≤120	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7220 v	Rayong
J il x Frease	mg/L	-	3	G3	≤7	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7720 B	Rayong
pH at 27 degree C		-	-	4.3	7.7-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D700 - H)BY	Rayong
Temperature <	v egree C	-	-	30.4	≤D0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2770 B	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	7	920	≤3000	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 27D0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	6.3	≤100	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D700-Norg)CY, part NH3)v Y	Rayong
Total Suspended Solids v ried at 103-107 degree C	mg/L	-	7	11	≤70	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 27D0 v	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111702
v ate Recei5ed : J ct 14, 202D
v ate Reported : J ct 2D, 202D
Report Number : 3121D83-1

Guideline : Effluent standard for factories, industrial estate and industrial par\ set by Notification of the Ministry of Natural Resource and En5ironment and effluent standard for factories and industrial par\ set by Notification of The Ministry of Industry dated _une 04, B.E.2760)2014Y.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , *ardbundit *itisupa5anit ทะเบียนเลขที่ ว-20D-จ-0001

Remar\ :
- LJ v : Limit of v etection
- "G" : Lower than LJ Q)Limit of QuantitationY / LJ R)Limit of ReportingY
- Analyte)sY mar\ed < is/are not included in scope of Accreditation ISJ /IEC 14027.
- The laboratory has been accepted as an accredited laboratory complying with the ISJ /IEC 14027.

Results apply to the sample)sY 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

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111702
v ate Recei5ed : J ct 14, 202D
v ate Reported : J ct 2D, 202D
Report Number : 3121D83-2

Sample Number	2D111402-1
Sampled Date	J ct 14, 202D 9:70 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 18, 202D
Condition of Sample	Contained in two glass 5ials, two amber glass bottles and si(plastic bottles, sample containers comply to pretreatment - preser5ation standards)APHA, USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0007	0.00D	≤0.27	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0007	Not v etected	≤0.03	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0007	0.D7	≤2.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
He(a5alent Chromium	mg/L	0.003	0.01	Not v etected	≤0.27	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3700-Cr B	Bangkok
Lead	mg/L	0.0003	0.0007	0.0006	≤0.2	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0007	ท0.0007	≤0.007	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0007	0.13	≤1.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111702
v ate Recei5ed : J ct 14, 202D
v ate Reported : J ct 2D, 202D
Report Number : 3121D83-2

Sample Number	2D111402-1
Sampled Date	J ct 14, 202D 9:70 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ct 18, 202D
Condition of Sample	Contained in two glass 5ials, two amber glass bottles and si(plastic bottles, sample containers comply to pretreatment - preser5ation standards)APHA, USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
' inc	mg/L	0.003	0.007	0.18	≤7.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.7	22.1	No Standard	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700-P)B, EY	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and En5ironment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated Qune 04, B.E.2760)2014Y.
Sampling By : Surawit Narapong ะ เว็บ ผลขวะ ผู้-323-K-0011 , Gardbundit Gitisupa5anit ะ เว็บ ผลขวะ ผู้-20D-K-0001

Remark :
- LJ v : Limit of v etection
- <n< : Lower than LJ ")Limit of " uantitationY/ LJ R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISJ /IEC 14027.
- The laboratory has been accepted as an accredited laboratory complying with the ISJ /IEC 14027.

Results apply to the sample)sY 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 : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111702
7ate Receif ed : 4 ct 1D, 202v
7ate Reported : 4 ct 2v, 202v
Report Number : 3121v83-3

Sample Number	2v111D02-1
Sampled Date	4 ct 1D, 202v 9:x0 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	4 ct 18, 202v
Condition of Sample	Contained in two glass f ials, two amber glass bottles and si(plastic bottles, sample containers comply to pretreatment - preserf ation standards)APHA, USEPAY
Physical Property	&ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0x	0.1	v.v	No Standard	Standard Methods 5or the E(amination o5Water and Wastewater. APHA, AWWA F WEk, 2vth ed., 2023, part vx00-NH3)7Y	Rayong
Conductif ity at 2x 7egree C	micromhos/cm	-	0.x	1x1x	No Standard	Standard Methods 5or the E(amination o5Water and Wastewater. APHA, AWWA F WEk, 2vth ed., 2023, part 2x10 B	Rayong

Guideline : E5luent standard 5or 5actories, industrial estate and industrial parJ set by Noti5cation o5the Ministry o5Natural Resource and Enf ironment and e5luent standard 5or 5actories and industrial parJ set by Noti5cation o5The Ministry o5Industry dated Kune 0D, B.E.2x60)201DY.
Sampling By : Surawit Narapong , Oardbundit Oitisupaf anit

RemarJ :
- L47 : Limit o57etection
- "<" : Lower than L4Q)Limit o5QuantitationY/ L4R)Limit o5ReportingY

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24111712
Date Received : Oct 17, 2024
Date Reported : Oct 24, 2024
Report Number : 3121499-1

Sample Number	24111712-1
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Oct 18, 2024
Condition of Sample	Contained in one sterilized plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	33000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	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).

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.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124881
v ate Recei4ed : No4 01, 202D
v ate Reported : No4 06, 202D
Report Number : 31717f 2-1

Sample Number	2D12D881-1
Sampled Date	No4 01, 202D 9:36 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 01, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (7 days at 20 v egree C)	mg/L	-	2.0	39.D	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
COv	mg/L	1.7	27	103	≤f 70	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7220 v	Rayong
Color (at Original pH)	Av MI	-	7	9	≤600	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color (at pH f .0)	Av MI	-	7	8	≤600	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH at 27 degree C		-	-	f .D	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong
Temperature *	v egree C	-	-	32.0	≤D7	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2770 B	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	7	102D	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124881

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

v ate Recei4ed : No4 01, 202D
v ate Reported : No4 06, 202D
Report Number : 31717f 2-1

Sample Number	2D12D881-1
Sampled Date	No4 01, 202D 9:36 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 01, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total \ Keldahl Nitrogen as N	mg/L	-	1.0	11.3	≤100	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700-Norg (C), part NH3 (v)	Rayong
Total Suspended Solids v ried at 103-107 degree C	mg/L	-	7	16	≤200	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 v	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnantha_unchai ทะเบียนเลขที่ ว-323-จ-00D1 , Samart \ humphlee ทะเบียนเลขที่ ว-20D-จ-008D

Remar_ :
- LOv : Limit o5v etection
- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
- Analyte(s) mar_ed * is/are not included in scope o5Accreditation ISO/IEC 1f027.
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124881

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151572-2

Sample Number	24124881-1
Sampled Date	Nov 01, 2024 9:36 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Nov 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, 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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.002	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.92	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.87	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124881
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151572-2

Sample Number	24124881-1
Sampled Date	Nov 01, 2024 9:36 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Nov 02, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, 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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.09	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	240000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.5	25.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , 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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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124881
Date Received : Nov 01, 2024
Date Reported : Nov 06, 2024
Report Number : 3151572-3

Sample Number	24124881-1
Sampled Date	Nov 01, 2024 9:36 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, 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							
Ammonia Nitrogen	mg/L	0.05	0.1	8.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1511	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnanthakunchai , Samart Khumphlee

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

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124881
v ate Recei4ed : No4 01, 202D
v ate Reported : No4 06, 202D
Report Number : 31717f 2-D

Sample Number	2D12D881-1
Sampled Date	No4 01, 202D 9:36 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 01, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Formaldehyde	mg/L	0.03	0.1	0.2	≤1	Wastewater analysis manual, En4ironmental Engineering Association o5Thailand, 0th ed.,200D	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : <eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn LertnanthaGunchai ทะเบียนเลขที่ว-323-ค-00D1 , Samart khumphlee ทะเบียนเลขที่ว-20D-ค-008D

RemarG:
- LKv : Limit o5v etection
- Q' Q : Lower than LKO (Limit o5Ouantitation) / LKR (Limit o5Reporting)
- Analyte(s) marGed * is/are not included in scope o5Accreditation ISK/IEC 1f027.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151583-1

Sample Number	24124883-1
Sampled Date	Nov 01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, 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, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	11	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	11	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1092	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151583-1

Sample Number	24124883-1
Sampled Date	Nov 01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	5.8	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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-0041 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151583-2

Sample Number	24124883-1
Sampled Date	Nov 01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 04, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000v	0.004	F 0.2v	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3120 B,3030 x	Bangkok
Cadmium	mg/L	0.0003	0.000v	Not Detected	F 0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3120 B,3030 x	Bangkok
Copper	mg/L	0.0003	0.000v	0.k2	F 2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3120 B,3030 x	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	F 0.2v	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3v00-Cr B	Bangkok
Lead	mg/L	0.0003	0.000v	0.0010	F 0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3120 B,3030 x	Bangkok
Mercury ≤	mg/L	0.0001	0.000v	Not Detected	F 0.00v	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.000v	0.11	F 1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA WEx, 24th ed., 2023, part 3120 B,3030 x	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date ReceiJed : NoJ 01, 2024
Date Reported : NoJ 08, 2024
Report Number : 31v1v83-2

Sample Number	24124883-1
Sampled Date	NoJ 01, 2024 9:42 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	NoJ 04, 2024
Condition of Sample	Contained in one amber glass bottle, two glass Jials and sif plastic bottles, sample containers comply to pretreatment - preserJation standards 7APHA, USEPA(
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.00v	0.19	F v.0	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang&o&
v ater Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.v	13.8	No Standard	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 4v00-P 7B, E(	Bang&o&

Guideline : E5luent standard 5or 5actories, industrial estate and industrial par&set by Noti5cation o5the Ministry o5Natural Resource and EnJironment and e5luent standard 5or 5actories and industrial par&set by Noti5cation o5The Ministry o5Industry dated 2une 0k, B.E.2v60 7201k(.
Sampling By : Chainusorn Lertnantha&unchai * พณ์ บยะเล*ย-323-ว-0041 , Samart จhumphlee * พณ์ บยะเล*ย-204-ว-0084

Remar&:
- LOD : Limit o5Detection
- "<" : Lower than LOQ 7Limit o5Quantitation(/ LOR 7Limit o5Reporting(
- Analyte7s(mar8ed ≤ is/are not included in scope o5Accreditation ISO/IEC 1k02v.
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151583-3

Sample Number	24124883-1
Sampled Date	Nov 01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.05	0.1	4.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1631	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

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

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

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124883
Date Received : Nov 01, 2024
Date Reported : Nov 08, 2024
Report Number : 3151583-4

Sample Number	24124883-1
Sampled Date	Nov 01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling vy : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , 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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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24124895
Date Received : NoO01, 2024
Date Reported : NoO08, 2024
Report Number : 31v1631-1

Sample Number	2412489v-1
Sampled Date	NoO01, 2024 9:42 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	NoO02, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preserOation standards 7APHA, USEPA5
Physical Property	(ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4900.0	No Standard	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 9221 B	Bang&o&

Guideline : Effluent standard for factories, industrial estate and industrial par&set by Notification of the Ministry of Natural Resource and EnOronment and effluent standard for factories and industrial par&set by Notification of The Ministry of Industry dated Rune 0k, B.E.2v60 7201k5.
Sampling By : Samart J humphlee

Remar&:
- LKD : Limit of Detection
- "<" : Lower than LKQ 7Limit of Quantitation5/ LKR 7Limit of Reporting5
- Analyte?s5 mar&ed * is/are not included in scope of Accreditation ISK/IEC 1k02v.
- The laboratory has been accepted as an accredited laboratory complying with the ISK/IEC 1k02v.

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24924819

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

v ate Recei4ed : No4 18, 202D
v ate Reported : No4 27, 202D
Report Number : 3171619-1

Sample Number	2D12D891-1
Sampled Date	No4 18, 202D 9:70 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 18, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards 5APHA, USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 57 days at 20 v egree C(	mg/L	-	2.0	19.G	≤700	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7210 B, part D700 - Y F	Rayong
CY v	mg/L	1.7	27	62	≤G70	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7220 v	Rayong
Color 5at Y riginal pH(	Av MI	-	7	19	≤600	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2120 &	Rayong
Color 5at pH G.0(	Av MI	-	7	1G	≤600	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2120 &	Rayong
Y il x F rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 7720 B	Rayong
pH at 27 degree C		-	-	G.7	7.7-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D700 - H 5B(	Rayong
Temperature *	v egree C	-	-	30.7	≤D7	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2770 B	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	7	G76	≤3000	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 27D0 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24924819

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

v ate Recei4ed : No4 18, 202D
v ate Reported : No4 27, 202D
Report Number : 3171619-1

Sample Number	2D12D891-1
Sampled Date	No4 18, 202D 9:70 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 18, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards 5APHA, USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total _jeldahl Nitrogen as N	mg/L	-	1.0	13.7	≤100	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D700-Norg 5C(, part NH3 5v (	Rayong
Total Suspended Solids v ried at 103-107 degree C	mg/L	-	7	31	≤200	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 27D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276G : F eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0 , _ardbundit _itisupa4anit ทะเบียนเลขที่ ว-20D-จ-0001

RemarK :
- LY v : Limit of v etection
- "<" : Lower than LY Q 5Limit of Quantitation(/ LY R 5Limit of Reporting(
- Analyte5s(marKed * is/are not included in scope of Accreditation ISY/IEC 1G027.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24924819
v ate Recei4ed : No4 18, 202D
v ate Reported : No4 2f , 202D
Report Number : 31f 1619-2

Sample Number	2D12D891-1
Sampled Date	No4 18, 202D 9:f 0 AM
Sample Description	In7luent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 19, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards 5APHA, USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000f	0.003	k 0.2f	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF
Cadmium	mg/L	0.0003	0.000f	Not v etected	k 0.03	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF
Copper	mg/L	0.0003	0.000f	0.96	k 2.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF
HeYa4alent Chromium	mg/L	0.003	0.01	Not v etected	k 0.2f	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3f 00-Cr B	BangFoF
Lead	mg/L	0.0003	0.000f	0.001	k 0.2	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF
Mercury ≤	mg/L	0.0001	0.000f	Not v etected	k 0.00f	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3112	BangFoF
NicFel	mg/L	0.0003	0.000f	0.92	k 1.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24924819
v ate Recei4ed : No4 18, 202D
v ate Reported : No4 2f , 202D
Report Number : 31f 1619-2

Sample Number	2D12D891-1
Sampled Date	No4 18, 202D 9:f 0 AM
Sample Description	In7luent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	No4 19, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and se4en plastic bottles, sample containers comply to pretreatment - preser4ation standards 5APHA, USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.00f	0.1D	k f .0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 312f B,3030 &	BangFoF
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.f	12.9	No Standard	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part Df 00-P 5B, E(	BangFoF

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6› : Keneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai <*ทะ ี หม<ัล-323-ม-00D0 , ฉardbundit ฉitisupa4anit <*ทะ ี หม<ัล-20D-ม-0001

RemarF :
- L v : Limit o7v etection
- Q Q : Lower than L O 5Limit o7Ouantitation(/ L R 5Limit o7Reporting(
- Analyte5s(marFed ≤ is/are not included in scope o7Accreditation IS /IEC 1›02f .
- The laboratory has been accepted as an accredited laboratory complying with the IS /IEC 1›02f .

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24924819

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Nov 18, 2024
Date Reported : Nov 25, 2024
Report Number : 3151619-3

Sample Number	24124891-1
Sampled Date	Nov 18, 2024 9:50 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one amber glass bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	330000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
v ater Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	11.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1284	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling Wy : Amonwich Wongsachai , Kardbundit Kitisupavanit

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.

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24924812

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date ReceiJed : NoJ 18, 2024
Date Reported : NoJ 2v, 2024
Report Number : 31v1624-1

Sample Number	24124892-1
Sampled Date	NoJ 18, 2024 10:00 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	NoJ 18, 2024
Condition of Sample	Contained in one amber glass bottle, two glass Jials and sif plastic bottles, sample containers comply to pretreatment - preserJation standards 7APHA, USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 7v days at 20 Degree C(	mg/L	-	2.0	4.6	≤20	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part v210 B, part 4v00 - Y &	Rayong
CYD	mg/L	1.v	2v	36	≤120	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part v220 D	Rayong
Color 7at Yriginal pH(	ADMI	-	v	1F	≤300	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 2120 x	Rayong
Color 7at pH F.0(	ADMI	-	v	14	≤300	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 2120 x	Rayong
Yil O &rease	mg/L	-	3	G3	≤v	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part vv20 B	Rayong
pH at 2v degree C		-	-	F.6	v.v-9.0	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 4v00 - H 7B(	Rayong
Temperature <	Degree C	-	-	30.2	≤40	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 2vv0 B	Rayong
Total DissolJed Solids Dried at 180 degree C	mg/L	-	v	860	≤3000	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 2v40 C	Rayong

Results apply to the sample?s(as submitted, unless the sampling was conducted by ALS. No part o5this report may be reproduced in any 5orm without written consent 5om the laboratory.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24924812

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Nov 18, 2024
Date Reported : Nov 2v, 2024
Report Number : 31v1624-1

Sample Number	24124892-1
Sampled Date	Nov 18, 2024 10:00 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 18, 2024
Condition of Sample	Contained in one amber glass bottle, two glass Jials and sif plastic bottles, sample containers comply to pretreatment - preserJation standards 7APHA, USEPA(
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total \Keldahl Nitrogen as N	mg/L	-	1.0	8.6	≤100	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 4v00-Norg 7C(, part NH3 7D(	Rayong
Total Suspended Solids Dried at 103-10v degree C	mg/L	-	v	Gv	≤v0	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA O WEx, 24th ed., 2023, part 2v40 D	Rayong

Guideline : Effluent standard 5or 5actories, industrial estate and industrial par* set by Notification o5the Ministry o5Natural Resource and Environment and effluent standard 5or 5actories and industrial par* set by Notification o5The Ministry o5Industry dated _une 0F, B.E.2v60 7201F(.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , \ardbundit \itisupaJanit ทะเบียนเลขที่ ว-204-จ-0001

Remar* :
- LYD : Limit o5Detection
- "G" : Lower than LYQ 7Limit o5Quantitation(/ LYR 7Limit o5Reporting(
- Analyte7s(mar*ed < is/are not included in scope o5Accreditation ISY/IEC 1F02v.
- The laboratory has been accepted as an accredited laboratory complying with the ISY/IEC 1F02v.

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24924812

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Nov 18, 2024
Date Reported : Nov 2v, 2024
Report Number : 31v1624-2

Sample Number	24124892-1
Sampled Date	Nov 18, 2024 10:00 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one amber glass bottle, two glass Jials and sif plastic bottles, sample containers comply to pretreatment - preserJation standards 7APHA, USEPA(
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000v	0.003	F0.2v	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang8o&
Cadmium	mg/L	0.0003	0.000v	Not Detected	F0.03	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang8o&
Copper	mg/L	0.0003	0.000v	0.49	F2.0	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang8o&
HefaJalent Chromium	mg/L	0.003	0.01	Not Detected	F0.2v	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 3v00-Cr B	Bang8o&
Lead	mg/L	0.0003	0.000v	0.0008	F0.2	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang8o&
Mercury k	mg/L	0.0001	0.000v	Not Detected	F0.00v	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 3112	Bang8o&
Nic8el	mg/L	0.0003	0.000v	0.22	F1.0	Standard Methods 5or the Efamination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang8o&

Results apply to the sample7s(as submitted, unless the sampling was conducted by ALS. No part o5this report may be reproduced in any 5orm without written consent 5rom the laboratory.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24924812
Date ReceiJed : NoJ 18, 2024
Date Reported : NoJ 2v, 2024
Report Number : 31v1624-2

Sample Number	24124892-1
Sampled Date	NoJ 18, 2024 10:00 AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	NoJ 19, 2024
Condition of Sample	Contained in one amber glass bottle, two glass Jials and sif plastic bottles, sample containers comply to pretreatment - preserJation standards 7APHA, USEPA(
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.00v	0.19	F v.0	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 312v B,3030 x	Bang&o&
Water Testing							
Total Phosphorus as P k	mg/L	0.2	0.v	13.0	No Standard	Standard Methods 5or the Ef amination o5Water and Wastewater. APHA, AWWA Y WEx, 24th ed., 2023, part 4v00-P 7B, E(	Bang&o&

Guideline : E5luent standard 5or 5actories, industrial estate and industrial par&set by Noti5cation o5the Ministry o5Natural Resource and EnJironment and e5luent standard 5or 5actories and industrial par&set by Noti5cation o5The Ministry o5Industry dated 2une 0ว, B.E.2v60 72015(.
Sampling By : Amonwich Wongsachai ≤*ษบ ษาน≤เล-323-ข-0040 , ฉardbundit ฯitisupaJanit ≤*ษบ ษาน≤เล-204-ข-0001

Remar&:
- LOD : Limit o5Detection
- "<" : Lower than LOQ 7Limit o5Quantitation(/ LOR 7Limit o5Reporting(
- Analyte?s(mar8ed k is/are not included in scope o5Accreditation ISO/IEC 1ว02v.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1ว02v.

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24924812
vate Recei4ed : No4 18, 202D
vate Reported : No4 27, 202D
Report Number : 317162D-3

Sample Number	2D12D892-1
Sampled Date	No4 18, 202D 10:00 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	No4 19, 202D
Condition of Sample	Contained in one amber glass bottle, two glass 4ials and si5 plastic bottles, sample containers comply to pretreatment - preser4ation standards xAPHA, USEPA(
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.07	0.1	7.D	No Standard	Standard Methods for the E5amination of Water and Wastewater. APHA, AWWA Y WE&, 2Dth ed., 2023, part D700-NH3 xv(	Rayong
Conducti4ity at 27 v egree C	micromhos/cm	-	0.7	1396	No Standard	Standard Methods for the E5amination of Water and Wastewater. APHA, AWWA Y WE&, 2Dth ed., 2023, part 2710 B	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial parF set by Notification of the Ministry of Natural Resource and En4ironment and effluent standard for factories and industrial parF set by Notification of The Ministry of Industry dated kune 0J, B.E.2760 x201J(.
Sampling By : Amonwich Wongsachai , Kardbundit Kitisupa4anit

RemarF :
- LOv : Limit of v etection
- "<" : Lower than LOQ xLimit of Quantitation(/ LOR xLimit of Reporting(

Analysis / Test Report

TESTING
No.0009

Lot ID: 24124896

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Date Received : Nov 18, 2024
Date Reported : Nov 25, 2024
Report Number : 3151629-1

Sample Number	24124896-1
Sampled Date	Nov 18, 2024 10:00 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Nov 19, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	790.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	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 : Kardbundit Kitisupavanit

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.

Analysis / Test Report

TESTING
No.0042

Lot ID: 24134078

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

4ate Recei7ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 31f 6v11-1

Sample Number	2v13v0f 8-1
Sampled Date	4ec 0D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 0D, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (D days at 20 4egree C)	mg/L	-	2.0	21.6	≤D00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part D210 B, part vD00 - O G	Rayong
CO4	mg/L	1.D	2D	f f	≤f D0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part D220 4	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part DD20 B	Rayong
pH at 2D degree C		-	-	f .6	D.D-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part vD00 - H (B)	Rayong
Temperature *	4egree C	-	-	29.9	≤vD	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2DD0 B	Rayong
Total 4issol7ed Solids 4ried at 180 degree C	mg/L	-	D	10D0	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2Dv0 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1v.f	≤100	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part vD00-Norg (C), part NH3 (4)	Rayong
Total Suspended Solids 4ried at 103-10D degree C	mg/L	-	D	18	≤200	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2Dv0 4	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134078
4ate Recei7ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 31f 6v11-1

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2D6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030 , Samart Khumphlee ทะเบียนเลขที่ ว-20v-จ-008v

Remar_ :
- LO4 : Limit o54etection
- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
- Analyte(s) mar_ed * is/are not included in scope o5Accreditation ISO/IEC 1f 02D.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1f 02D.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part o5this report may be reproduced in any 5orm without written consent 5rom the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in 5ull.

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134078
4ate Receif ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 3176v11-2

Sample Number	2v13v078-1
Sampled Date	4ec 0D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 06, 202v
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles, sample containers comply to pretreatment - preserf ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000D	0.00v	≤0.2D	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.000D	Not 4etected	≤0.03	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok
Copper	mg/L	0.0003	0.000D	0.27	≤2.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok
Hexaf alent Chromium	mg/L	0.003	0.01	Not 4etected	≤0.2D	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 3D00-Cr B	Bangkok
Lead	mg/L	0.0003	0.000D	0.003	≤0.2	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok
Mercury <	mg/L	0.0001	0.000D	Not 4etected	≤0.00D	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.000D	0.06	≤1.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24134078

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location : WHA CIE 1

4ate Receif ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 3176v11-2

Sample Number	2v13v078-1
Sampled Date	4ec 0D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 06, 202v
Condition of Sample	Contained in two glass f ials, one amber glass bottle and sef en plastic bottles, sample containers comply to pretreatment - preserf ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.00D	0.vD	≤D.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 312D B,3030 F	Bangkok
Water Testing							
Total Phosphorus as P <	mg/L	0.2	0.D	v.1	No Standard	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part vD00-P (B, E)	Bangkok

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2D67 : Keneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng * หน"บยะนล* ฆิ-323-ว-0030 , Samart จhumphlee * หน"บยะนล* ฆิ-20v-ว-008v

Remark :
- L 4 : Limit o54etection
- Q Q : Lower than L O (Limit o5Quantitation) / L R (Limit o5Reporting)
- Analyte(s) marked < is/are not included in scope o5Accreditation IS /IEC 1702D.
- The laboratory has been accepted as an accredited laboratory complying with the IS /IEC 1702D.

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24134078

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location : WHA CIE 1

Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3176411-3

Sample Number	24134078-1
Sampled Date	Dec 05, 2024 9:30 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Dec 06, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	330000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.05	0.1	12.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C *	micromhos/cm	-	0.5	1960	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng , Samart Khumphlee

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.

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134078
4ate Recei7ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 31f 6v11-v

Sample Number	2v13v0f 8-1
Sampled Date	4ec 0D, 202v 9:30 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 06, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and se7en plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Formaldehyde	mg/L	0.03	0.1	Not 4etected	≤1	Wastewater analysis manual, En7ironmental Engineering Association o5Thailand, vth ed.,200v	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2D6f : <eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Pitthaya Thongtaeng ทะเบียนเลขที่ว-323-ค-0030 , Samart Ghumphlee ทะเบียนเลขที่ว-20v-ค-008v

Remark :
- LK4 : Limit o54etection
- Q' Q : Lower than LKO (Limit o5Quantitation) / LKR (Limit o5Reporting)
- Analyte(s) marked * is/are not included in scope o5Accreditation ISK/IEC 1f02D.
- The laboratory has been accepted as an accredited laboratory complying with the ISK/IEC 1f02D.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134080
J ate Received : J ec 04, 202D
J ate Reported : J ec 13, 202D
Report Number : 3156D13-1

Sample Number	2D13D080-1
Sampled Date	J ec 04, 202D 9:35 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 04, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOJ (4 days at 20 J egree C)	mg/L	-	2.0	6.9	≤20	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 4210 B, part D400 - O F	Rayong
COJ	mg/L	1.4	24	28	≤120	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 4220 J	Rayong
Oil x Frease	mg/L	-	3	G3	≤4	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 4420 B	Rayong
pH at 24 degree C		-	-	5.4	4.4-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D400 - H (B)	Rayong
Temperature <	J egree C	-	-	29.5	≤D0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 2440 B	Rayong
Total J issolved Solids J ried at 180 degree C	mg/L	-	4	952	≤3000	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 24D0 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	10.4	≤100	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D400-Norg (C), part NH3 (J)	Rayong
Total Suspended Solids J ried at 103-104 degree C	mg/L	-	4	12	≤40	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 24D0 J	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134080
J ate Received : J ec 04, 202D
J ate Reported : J ec 13, 202D
Report Number : 3156D13-1

Guideline : Effluent standard for factories, industrial estate and industrial par\ set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial par\ set by Notification of The Ministry of Industry dated _une 05, B.E.2460 (2015).
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030 , Samart *humphlee ทะเบียนเลขที่ ว-20D-จ-008D

Remar\ :
- LOJ : Limit of J etection
- "G" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) mar\ed < is/are not included in scope of Accreditation ISO/IEC 15024.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134080
J ate Received : J ec 04, 202D
J ate Reported : J ec 13, 202D
Report Number : 3156D13-2

Sample Number	2D13D080-1
Sampled Date	J ec 04, 202D 9:35 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 06, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0004	0.003	k 0.24	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF
Cadmium	mg/L	0.0003	0.0004	Not J etected	k 0.03	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF
Copper	mg/L	0.0003	0.0004	0.43	k 2.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF
He7avalent Chromium	mg/L	0.003	0.01	Not J etected	k 0.24	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3400-Cr B	BangFoF
Lead	mg/L	0.0003	0.0004	0.001	k 0.2	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF
Mercury ≤	mg/L	0.0001	0.0004	Not J etected	k 0.004	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3112	BangFoF
NicFel	mg/L	0.0003	0.0004	0.05	k 1.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location : WHA CIE 1

Lot ID: 24134080
J ate Received : J ec 04, 202D
J ate Reported : J ec 13, 202D
Report Number : 3156D13-2

Sample Number	2D13D080-1
Sampled Date	J ec 04, 202D 9:35 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 06, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
_inc	mg/L	0.003	0.004	0.21	k 4.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part 3124 B,3030 &	BangFoF
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.4	1D.4	No Standard	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 2Dth ed., 2023, part D400-P (B, E)	BangFoF

Guideline : Effluent standard for factories, industrial estate and industrial parF set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial parF set by Notification of The Ministry of Industry dated 2une 05, B.E.2460 (2015).
Sampling By : Pitthaya Thongtaeng * หน่วยงาน* บ-323-ว-0030 , Samart จhumphlee * หน่วยงาน* บ-20D-ว-008D

RemarF :
- LOJ : Limit of J etection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name :
Project Location : WHA CIE 1

Lot ID: 24134080
4ate Recei7ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 31f 6v13-3

Sample Number	2v13v080-1
Sampled Date	4ec 0D, 202v 9:3f AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	4ec 06, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0D	0.1	8.2	No Standard	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part vD00-NH3 (4)	Rayong
Conducti7ity at 2D 4egree C	micromhos/cm	-	0.D	1D08	No Standard	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part 2D10 B	Rayong

Guideline : E5luent standard 5or 5actories, industrial estate and industrial park set by Noti5cation o5the Ministry o5Natural Resource and En7ironment and e5luent standard 5or 5actories and industrial park set by Noti5cation o5The Ministry o5Industry dated June 0f , B.E.2D60 (201f).
Sampling By : Pitthaya Thongtaeng , Samart Khumphlee

Remark :
- LO4 : Limit o54etection
- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134080
4ate Recei7ed : 4ec 0D, 202v
4ate Reported : 4ec 13, 202v
Report Number : 31f 6v13-v

Sample Number	2v13v080-1
Sampled Date	4ec 0D, 202v 9:3f AM
Sample Description	E5luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	4ec 06, 202v
Condition of Sample	Contained in two glass 7ials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preser7ation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o5solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Formaldehyde	mg/L	0.03	0.1	Not 4etected	≤1.0	Wastewater analysis manual, En7ironmental Engineering Association o5Thailand, vth ed.,200v	Rayong

Guideline : E5luent standard 5or 5actories, industrial estate and industrial park set by Noti5cation o5the Ministry o5Natural Resource and En7ironment and e5luent standard 5or 5actories and industrial park set by Noti5cation o5The Ministry o5Industry dated June 0f , B.E.2D60 (201f).
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่วล-323-ค-0030 , Samart Khumphlee ทะเบียนเลขที่วล-20v-ค-008v

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134092
Date Received : Dec 05, 2024
Date Reported : Dec 13, 2024
Report Number : 3176438-1

Sample Number	24134092-1
Sampled Date	Dec 05, 2024 9:37 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Dec 06, 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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	11000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	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 : Pitthaya Thongtaeng

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134078
4ate Received : 4ec 19, 202D
4ate Reported : 4ec 27, 202D
Report Number : 31f 6D30-1

Sample Number	2D13D08f -1
Sampled Date	4ec 19, 202D 10:70 AM
Sample Description	In5uent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 19, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	33.2	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
CO4	mg/L	1.7	27	f D	≤f 70	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7220 4	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH at 27 degree C		-	-	f .2	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong
Temperature *	4egree C	-	-	28.8	≤D7	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2770 B	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	7	6f 2	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	13.0	≤100	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700-Norg (C), part NH3 (4)	Rayong
Total Suspended Solids 4ried at 103-107 degree C	mg/L	-	7	19	≤200	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 4	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134078
4ate Received : 4ec 19, 202D
4ate Reported : 4ec 27, 202D
Report Number : 31f 6D30-1

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa_ul_ittimasa_ ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-20D-จ-0002

Remar_ :
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- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
- Analyte(s) mar_ed * is/are not included in scope o5Accreditation ISO/IEC 1f 027.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1f 027.

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24134078

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

4ate Received : 4ec 19, 202D
4ate Reported : 4ec 26, 202D
Report Number : 3156D30-2

Sample Number	2D13D085-1
Sampled Date	4ec 19, 202D 10:70 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 20, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0007	0.002	≤0.27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0007	Not 4etected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0007	0.31	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not 4etected	≤0.27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3700-Cr B	Bangkok
Lead	mg/L	0.0003	0.0007	<0.0007	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0007	<0.0007	≤0.007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0007	0.31	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24134078

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

4ate Received : 4ec 19, 202D
4ate Reported : 4ec 26, 202D
Report Number : 3156D30-2

Sample Number	2D13D085-1
Sampled Date	4ec 19, 202D 10:70 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	4ec 20, 202D
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.007	0.05	≤7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3127 B,3030 F	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	1300000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 9221 B	Bangkok
Water Testing							
Total Phosphorus as P *	mg/L	0.2	0.7	16.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700-P (B, E)	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
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7315-12D/ EMAIL S:\Reports\MixRef_All_GL.rpt (6:73PM)

Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134087
Date Received : Dec 19, 2024
Date Reported : Dec 25, 2024
Report Number : 3176430-3

Sample Number	24134087-1
Sampled Date	Dec 19, 2024 10:50 AM
Sample Description	Influent
Location	WHA CIE1 : Pumping Station
Date Analysis Commenced	Dec 19, 2024
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.05	0.1	10.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (D)	Rayong
Conductivity at 25 Degree C	micromhos/cm	-	0.5	1164	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulkittimasak , Pattarapol Sawangjaitam

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

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Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134089
J ate ReceiDed : J ec 19, 2024
J ate Reported : J ec 2v, 2024
Report Number : 3156433-1

Sample Number	24134089-1
Sampled Date	J ec 19, 2024 11:03 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 19, 2024
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOJ (v days at 20 J egree C)	mg/L	-	2.0	9.6	≤20	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part v210 B, part 4v00 - O F	Rayong
COJ	mg/L	1.v	2v	38	≤120	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part v220 J	Rayong
Oil x Frease	mg/L	-	3	G3	≤v	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part vv20 B	Rayong
pH at 2v degree C		-	-	5.v	v.v-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4v00 - H (B)	Rayong
Temperature <	J egree C	-	-	28.2	≤40	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2vv0 B	Rayong
Total J issolDed Solids J ried at 180 degree C	mg/L	-	v	956	≤3000	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2v40 C	Rayong
Total *Keldahl Nitrogen as N	mg/L	-	1.0	10.6	≤100	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4v00-Norg (C), part NH3 (J)	Rayong
Total Suspended Solids J ried at 103-10v degree C	mg/L	-	v	13	≤v0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 2v40 J	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134089
J ate ReceiDed : J ec 19, 2024
J ate Reported : J ec 2v, 2024
Report Number : 3156433-1

Guideline : Effluent standard for factories, industrial estate and industrial par\ set by Notification of the Ministry of Natural Resource and EnDronment and effluent standard for factories and industrial par\ set by Notification of The Ministry of Industry dated _une 05, B.E.2v60 (2015).
Sampling By : Suphanat Sa\ul\ittimasa\ ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangkaitam ทะเบียนเลขที่ ว-204-จ-0002

Remar\ :
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- "G" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134089
J ate ReceiDed : J ec 19, 2024
J ate Reported : J ec 26, 2024
Report Number : 31v6433-2

Sample Number	24134089-1
Sampled Date	J ec 19, 2024 11:03 AM
Sample Description	E77luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 20, 2024
Condition of Sample	Contained in two glass Dials, one amber glass bottle and sif plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.000F	0.002	k 0.2F	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5
Cadmium	mg/L	0.0003	0.000F	Not J etected	k 0.03	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5
Copper	mg/L	0.0003	0.000F	0.60	k 2.0	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5
Hef aDalent Chromium	mg/L	0.003	0.01	Not J etected	k 0.2F	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3F00-Cr B	Bang5o5
Lead	mg/L	0.0003	0.000F	0.002	k 0.2	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5
Mercury ≤	mg/L	0.0001	0.000F	* 0.000F	k 0.00F	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 3112	Bang5o5
Nic5el	mg/L	0.0003	0.000F	0.32	k 1.0	Standard Methods 7or the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134089
J ate ReceiDed : J ec 19, 2024
J ate Reported : J ec 26, 2024
Report Number : 31v6433-2

Sample Number	24134089-1
Sampled Date	J ec 19, 2024 11:03 AM
Sample Description	E7luent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 20, 2024
Condition of Sample	Contained in two glass Dials, one amber glass bottle and sif plastic bottles, sample containers comply to pretreatment - preserDation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
\inc	mg/L	0.003	0.00F	0.28	k F.0	Standard Methods 7br the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 312F B,3030 &	Bang5o5
Water Testing							
Total Phosphorus as P ≤	mg/L	0.2	0.F	18.0	No Standard	Standard Methods 7br the Ef amination o7Water and Wastewater. APHA, AWWA x WE&, 24th ed., 2023, part 4F00-P (B, E)	Bang5o5

Guideline : E7luent standard 7br 7actories, industrial estate and industrial par5 set by Noti7cation o7the Ministry o7Natural Resource and EnDronment and e7luent standard 7br 7actories and industrial par5 set by Noti7cation o7The Ministry o7Industry dated _une 0v, B.E.2F60 (201v).
Sampling By : Suphanat Sa5ul5ittimasa5 <Zห มน<เล-323-ข-0021 , Pattarapol Sawangjaitam <Zห มน<เล-204-ข-0002

Remar5 :
- LOJ : Limit o7J etection
- "* " : Lower than LOQ (Limit o7Quantitation) / LOR (Limit o7Reporting)
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name :
Project Location: WHA CIE 1

Lot ID: 24134089
J ate ReceiDed : J ec 19, 2024
J ate Reported : J ec 2v, 2024
Report Number : 3156433-3

Sample Number	24134089-1
Sampled Date	J ec 19, 2024 11:03 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	J ec 19, 2024
Condition of Sample	Contained in two glass Dials, one amber glass bottle and si7 plastic bottles, sample containers comply to pretreatment - preserDation standards xAPHA, USEPA(
Physical Property	) ellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Ammonia Nitrogen	mg/L	0.0v	0.1	5.8	No Standard	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA Y WE&, 24th ed., 2023, part 4v00-NH3 xJ (	Rayong
ConductiDity at 2v J egree C	micromhos/cm	-	0.v	1v6v	No Standard	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA Y WE&, 24th ed., 2023, part 2v10 B	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial parF set by Notification of the Ministry of Natural Resource and EnDronment and effluent standard for factories and industrial parF set by Notification of The Ministry of Industry dated kune 05, B.E.2v60 x2015(.
Sampling By : Suphanat SaFulFittimasaF , Pattarapol Sawangjaitam

RemarF :
- LOJ : Limit of J etection
- "<" : Lower than LOQ xLimit of Quantitation(/ LOR xLimit of Reporting(

Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name :
Project Location : WHA CIE 1

Lot ID: 24134094
Date Received : Dec 19, 2024
Date Reported : Dec 26, 2024
Report Number : 3176439-1

Sample Number	24134094-1
Sampled Date	Dec 19, 2024 11:03 AM
Sample Description	Effluent
Location	WHA CIE1 : WWTP
Date Analysis Commenced	Dec 20, 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 turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	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 : Pattarapol Sawangjaitam

Remark :
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ภาคผนวก ค-4

คุณลักษณะน้ำเสียโรงงาน

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471156
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034224-1

Sample Number	2471156-1
Sampled Date	Jul 09, 2024 3:26 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_009_2564 **Plot** Z.55B **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	61.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471152
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034218-1

Sample Number	2471152-1
Sampled Date	Jul 09, 2024 3:21 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2564 **Plot** Z-55G **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	19.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471154
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034222-1

Sample Number	2471154-1
Sampled Date	Jul 09, 2024 3:24 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_008_2564 **Plot** Z-55H **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	121	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	6.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471156
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034249-1

Sample Number	245116f -1
Sampled Date	Jul 08, 2024 1:35 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2f 6f **Plot** Z-f 9B **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BGD (f days at 20 Degree C)	mg/L	-	2.0	6.4	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - G &	Rayong
Gil x &rease	mg/L	-	3	3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH (on site) *		-	-	8.1	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H (B)	Rayong

Guideline : Notiᵹcation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471166
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 30342f 1-1

Sample Number	2451166-1
Sampled Date	Jul 08, 2024 1:40 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_00f _2f 6f **Plot** Z-f 9C **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BGD (f days at 20 Degree C)	mg/L	-	2.0	9.1	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - G &	Rayong
Gil x &rease	mg/L	-	3	*3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH (on site) k		-	-	8.2	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471167
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 30342f f -1

Sample Number	2451165-1
Sampled Date	Jul 08, 2024 1:3f PM
Sample Description	Wastewater
Contract ID	L_CIE_005_2f 60 **Plot** Z-f 9D **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BGD (f days at 20 Degree C)	mg/L	-	2.0	*2.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - G &	Rayong
Gil x &rease	mg/L	-	3	3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH (on site) k		-	-	8.0	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471129
Date Received : Jul 09, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034123-1

Sample Number	2451129-1
Sampled Date	Jul 09, 2024 3:14 PM
Sample Description	Wastewater
Contract ID	L_CIE_008_2f f 8 **Plot** G-f f E **Site** Analog City
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	)ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Yf days at 20 Degree C(	mg/L	-	2.0	81.0	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	10	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(*		-	-	8.2	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471084
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033932-1

Sample Number	2471084-1
Sampled Date	Jul 08, 2024 2:38 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2557 **Plot** B-10B **Site** Anstac (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	28.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471177
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034283-1

Sample Number	2471177-1
Sampled Date	Jul 08, 2024 2:28 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2566 **Plot** B11-B **Site** ASMECH TECHN(L( ) Y CTHAILANDx C(MPANY LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAx
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D C5 days at 20 Degree Cx	mg/L	-	2.0	48.8	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - ( )	Rayong
(il G) rease	mg/L	-	3	9	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Con sitex *		-	-	8.5	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H Cx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471151
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034215-1

Sample Number	2471151-1
Sampled Date	Jul 08, 2024 3:44 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2564 **Plot** C-01 **Site** ATEN C(MPUTER PR(DUCT Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Cellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	14.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY k		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471113
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033986-1

Sample Number	2471113-1
Sampled Date	Jul 08, 2024 3:30 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2550 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	* 2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	* 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471233
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034167-1

Sample Number	2471233-1
Sampled Date	Jul 11, 2024 2:54 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	22.3	≤500	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	80	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	58	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	55	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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	-	-	29.8	≤45	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	432	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471233
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034167-1

Sample Number	2471233-1
Sampled Date	Jul 11, 2024 2:54 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	48.0	≤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	22	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk ทะเบียนเลขที่ค -323-ว-0021

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

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471233
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034167-2

Sample Number	2471233-1
Sampled Date	Jul 11, 2024 2:54 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	No Velocity	No Standard	Flow meter	Rayong
Odour		-	-	Odour	No Standard	TIS, 257-2549	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471237
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034171-1

Sample Number	2471237-1
Sampled Date	Jul 11, 2024 2:50 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

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	≤500	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	40	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	9	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	7	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	30.7	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471237
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034171-1

Sample Number	2471237-1
Sampled Date	Jul 11, 2024 2:50 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1250	≤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	2.3	≤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	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk ทะเบียนเลขที่ค -323-ว-0021

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471237
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034171-2

Sample Number	2471237-1
Sampled Date	Jul 11, 2024 2:50 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.017	No Standard	Flow meter	Rayong
Odour		-	-	Odourless	No Standard	TIS, 257-2549	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

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

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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471071
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033918-1

Sample Number	2471071-1
Sampled Date	Jul 08, 2024 9:48 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2550 **Plot** B.I.(**Site** B.I.(. Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	82.7	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x (	Rayong
x il G (rease	mg/L	-	3	9	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	8.2	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471225
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 30341f 4-1

Sample Number	245122f -1
Sampled Date	Jul 08, 2024 2:f 4 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2f f f **Plot** (-68 **Site** BHN GTHAILANDY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Gf days at 20 Degree CY	mg/L	-	2.0	20.3	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
CZD	mg/L	1.f	2f	156	≤5f 0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 220 D	Rayong
Zil x &rease	mg/L	-	3	*3	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY k		-	-	8.6	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong
Total Suspended Solids Dried at 103-10f degree C	mg/L	-	f	66	≤200	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 2f 40 D	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- LZD : Limit o7Detection
- <* < : Lower than LZ" GLimit o7" uantitationY / LZR GLimit o7ReportingY
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TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471181
Date Received : Jul 11, 2024
Date Reported : Jul 17, 2024
Report Number : 3034291-1

Sample Number	2471181-1
Sampled Date	Jul 11, 2024 10:31 AM
Sample Description	Wastewater
Contract ID	L5WHA CIE1500152_67 **Plot** O.9,O.10,O.11,O.12 **Site** BNSS STEEL GR(UP C(MPAN) LIMITED
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAx
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y_ days at 20 Degree Cx	mg/L	-	2.0	26.7	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2017, part _210 B, part 4_00 - (G	Rayong
(il * Grease	mg/L	-	3	_	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2017, part __20 B	Rayong
pH Yon sitex k		-	-	7.7	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2017, part 4_00 - H YBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที ว-323-จ-0021

Remarj :
- L(D : Limit of Detection
- kQK : Lower than L(\ YLimit of \ uantitationx / L(R YLimit of Reportingx
- AnalyteYsx marj ed k is/are not included in scope of Accreditation IS(/IEC 1702_.
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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471140
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034193-1

Sample Number 2471140-1
Sampled Date Jul 08, 2024 9:38 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_002_2563 **Plot** B-6C **Site** Boncafe (Thailand) Co.,Ltd.
Date Analysis Commenced Jul 08, 2024
Condition of Sample Contained in one amber glass bottle and 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							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	* 2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	* 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQilQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471213
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 30341f 5-1

Sample Number 24f 1213-1
Sampled Date Jul 08, 2024 10:03 AM
Sample Description Wastewater
Contract ID L_CIE_003_2550 **Plot** B-5 **Site** Boncaヲe (Thailand) Ltd.
Date Analysis Commenced Jul 08, 2024
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Yellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	2f .3	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) *		-	-	f .6	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	10	≤200	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2540 D	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471092
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033941-1

Sample Number	2471092-1
Sampled Date	Jul 08, 2024 9:56 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2557 **Plot** B-04 **Site** Castool Tooling systems
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	11.7	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471159
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034226-1

Sample Number	24511f 9-1
Sampled Date	Jul 08, 2024 11:39 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_010_2f 64 **Plot** (.34-(.38 **Site** Celeraise GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Gf days at 20 Degree CY	mg/L	-	2.0	*2.0	≤f 00	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	*3	≤10	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY k		-	-	8.1	f .f -9.0	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471139
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034191-1

Sample Number	2471139-1
Sampled Date	Jul 09, 2024 10:16 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2563 **Plot** D.13/1,D.13/3(A) **Site** Chonburi Clean Energy Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

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	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471126
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034118-1

Sample Number	2451126-1
Sampled Date	Jul 08, 2024 2:35 PM
Sample Description	Wastewater
Contract ID	L_CIE_028_2f f 0 **Plot** (-48 **Site** Coil Tech Steel GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Gf days at 20 Degree CY	mg/L	-	2.0	*2.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Z il x &rease	mg/L	-	3	*3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY k		-	-	8.2	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &neral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2471099
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3033962-1

Sample Number	2471099-1
Sampled Date	Jul 09, 2024 2:06 PM
Sample Description	Wastewater
Contract ID	L_CIE_004_2550 **Plot** E-5 **Site** Daifu(u)ThailandOLtd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Blac(, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	178	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x <	Rayong
x il G <rease	mg/L	-	3	10	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteO *		-	-	7.8	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
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P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2471134
Date Received : Jul 08, 2024
Date Reported : Jul 1f , 2024
Report Number : 3034133-1

Sample Number	2451134-1
Sampled Date	Jul 08, 2024 3:0f PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2f 62 **Plot** (.65 **Site** DT Wiring Systems GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ D Gf days at 20 Degree CY	mg/L	-	2.0	16.6	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Z il x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY *		-	-	5.8	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471136
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034137-1

Sample Number	2471136-1
Sampled Date	Jul 08, 2024 3:14 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2f62 **Plot**).f2 **Site** DTS DraeGmaier Automotive Systems YThailand(Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	148	≤f 00	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part f 210 B, part 4f 00 - O &	Rayong
Oil x &rease	mg/L	-	3	8	≤10	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part f f 20 B	Rayong
pH Yon site(*		-	-	8.f	f .f -9.0	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4f 00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f 67 : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471073
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033919-1

Sample Number	2471073-1
Sampled Date	Jul 08, 2024 10:13 AM
Sample Description	Wastewater
Contract ID	L_CIE_005_2550 **Plot** A-1 **Site** Dusholu( )SiamY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	11.3	≤500	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - x G	Rayong
x il & Grease	mg/L	-	3	6	≤10	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	7.9	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471149
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034211-1

Sample Number	2471149-1
Sampled Date	Jul 08, 2024 2:53 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2564 **Plot** B6-A **Site** ENRX Limited
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	29.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471133
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034130-1

Sample Number	2451133-1
Sampled Date	Jul 08, 2024 11:16 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2f 62 **Plot** (.f 9F **Site** FES International GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD GF days at 20 Degree CY	mg/L	-	2.0	39.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Z il x &rease	mg/L	-	3	9	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY *		-	-	5.8	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471136
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034241-1

Sample Number	2451163-1
Sampled Date	Jul 08, 2024 11:14 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2f 6f **Plot** G-f 9Y **Site** FES International Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (f days at 20 Degree C)	mg/L	-	2.0	40.8	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O Y	Rayong
Oil & Yrease	mg/L	-	3	5	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH (on site) *		-	-	5.3	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LOD : Limit o7Detection
- "<" : Lower than LOQ (Limit o7Quantitation) / LOR (Limit o7Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471108
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 30339f 5-1

Sample Number	24f 1108-1
Sampled Date	Jul 08, 2024 10:15 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2558 **Plot** B-6 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Location	บริษัท ควอซาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y5 days at 20 Degree CO	mg/L	-	2.0	105	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	f	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH Yon siteO *		-	-	8.1	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471108
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034289-1

Sample Number	24f 1180-1
Sampled Date	Jul 09, 2024 11:28 AM
Sample Description	Wastewater
Contract ID	L7CIE701372__8 **Plot** D-f **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y_ days at 20 Degree CO	mg/L	-	2.0	18._	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon siteO k		-	-	f.f	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H YBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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- <* < : Lower than L(" YLimit o5" uantitationO/ L(R YLimit o5ReportingO
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471147
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034208-1

Sample Number	24f 114f -1
Sampled Date	Jul 09, 2024 11:43 AM
Sample Description	Wastewater
Contract ID	L7CIE701472__8 **Plot** D-8 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y_ days at 20 Degree CO	mg/L	-	2.0	38.0	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - (G	Rayong
(il & Grease	mg/L	-	3	4	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon siteO *		-	-	f.f	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H YBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471171
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034265-1

Sample Number	2451151-1
Sampled Date	Jul 09, 2024 2:25 PM
Sample Description	Wastewater
Contract ID	L7CIE701172__5 **Plot** D-1 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Q_ days at 20 Degree Cx	mg/L	-	2.0	1_.8	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part _210 B, part 4_00 - (G	Rayong
(il Y Grease	mg/L	-	3	8	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part __20 B	Rayong
pH Qbn sitex *		-	-	5.8	_.-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part 4_00 - H Q3x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471101
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3033965-1

Sample Number	2471101-1
Sampled Date	Jul 09, 2024 2:15 PM
Sample Description	Wastewater
Contract ID	L_CIE_010_2557 **Plot** D-2 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	Brown, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D O5 days at 20 Degree Cx	mg/L	-	2.0	34.4	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il Y Grease	mg/L	-	3	8	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Qbn sitex *		-	-	7.7	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 4500 - H Q3x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471104
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 30339f 0-1

Sample Number	24f 1104-1
Sampled Date	Jul 09, 2024 11:33 AM
Sample Description	Wastewater
Contract ID	L_CIE_004_2558 **Plot** D-6 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	)ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D O5 days at 20 Degree Cx	mg/L	-	2.0	32.f	≤500	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f, part 5210 B, part 4500 - (G	Rayong
(il Y Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f, part 5520 B	Rayong
pH Obn sitex k		-	-	f.9	5.5-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f, part 4500 - H OBx	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuilQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471120
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3033994-1

Sample Number	2451120-1
Sampled Date	Jul 08, 2024 1:f6 PM
Sample Description	Wastewater
Contract ID	L_CIE_005_2ff6 **Plot**)-13 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD 2f days at 20 Degree CO	mg/L	-	2.0	13.6	≤f00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part f210 B, part 4f00 - G &	Rayong
Gil (&rease	mg/L	-	3	3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part ff20 B	Rayong
pH Zbn siteO *		-	-	8.1	f.f-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part 4f00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471121
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 303399f-1

Sample Number	2451121-1
Sampled Date	Jul 08, 2024 1:f1 PM
Sample Description	Wastewater
Contract ID	L_CIE_008_2ff6 **Plot**)-14 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, a lot o7solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Zf days at 20 Degree CO	mg/L	-	2.0	16.4	≤f00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part f210 B, part 4f00 - G &	Rayong
Gil (&rease	mg/L	-	3	3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part ff20 B	Rayong
pH Zon siteO *		-	-	5.9	f.f-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part 4f00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471122
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3033998-1

Sample Number	2451122-1
Sampled Date	Jul 08, 2024 1:4f PM
Sample Description	Wastewater
Contract ID	L_CIE_009_2ff6 **Plot**)-16-15 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Zf days at 20 Degree CO	mg/L	-	2.0	*2.0	≤f00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part f210 B, part 4f00 - G &	Rayong
Gil (&rease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part ff20 B	Rayong
pH Zon siteO k		-	-	8.0	f.f-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part 4f00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471144
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034201-1

Sample Number	2471144-1
Sampled Date	Jul 08, 2024 10:25 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_011_2563 **Plot** B-7 **Site** (lory Winner)ThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	62.8	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x (	Rayong
x il G (rease	mg/L	-	3	3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	7.7	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- Lx D : Limit of Detection
- "<" : Lower than Lx Q)Limit of QuantitationY / Lx R)Limit of ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471222
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034265-1

Sample Number	2471222-1
Sampled Date	Jul 09, 2024 11:09 AM
Sample Description	Wastewater
Contract ID	L_CIE_010_2550 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	Blow Down
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	*2.0	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x (	Rayong
Cx D	mg/L	1.5	25	40	≤750	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5220 D	Rayong
x il G (rease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY k		-	-	8.8	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1500	≤3000	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471100
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3033963-1

Sample Number	2471100-1
Sampled Date	Jul 09, 2024 11:18 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2550 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	) ffice
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Y5 days at 20 Degree CO	mg/L	-	2.0	7.6	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 -) (	Rayong
) il G (rease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon siteO k		-	-	8.0	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471143
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 3034199-1

Sample Number	2451143-1
Sampled Date	Jul 08, 2024 9:38 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_010_2763 **Plot** BC **Site** Hardware Ging Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (7 days at 20 Degree C)	mg/L	-	2.0	k 2.0	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - Y *	Rayong
Yil & *rease	mg/L	-	3	k 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) j		-	-	5.4	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที ว-323-จ-0021

Remar\ :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471232
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034164-1

Sample Number	24f 1232-1
Sampled Date	Jul 11, 2024 11:04 AM
Sample Description	Wastewater
Contract ID	L7CIE701172__0 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	8.6	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) k		-	-	f.f	_.-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	_	936	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2_40 C	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที่ ว-204-จ-0002

RemarQ:
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TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471232
Date Received : Jul 11, 2024
Date Reported : Jul 18, 2024
Report Number : 3034164-2

Sample Number	24f 1232-1
Sampled Date	Jul 11, 2024 11:04 AM
Sample Description	Wastewater
Contract ID	L5CIE501152__0 **Plot** B-1 **Site** Honey Well Electronic Materials GThailand(Co.,Ltd.
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPA(
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
NicOel	mg/L	0.0003	0.000_	0.03	≤1.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 312_ B, 3030 F	BangOoO

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulO ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที่ ว-204-จ-0002

RemarO:
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- \K\ : Lower than Lk j QLimit o7j uantitation(/ Lk R QLimit o7Reporting(
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471146
Date Received : Jul 09, 2024
Date Reported : Jul 1f , 2024
Report Number : 3034206-1

Sample Number	2451146-1
Sampled Date	Jul 09, 2024 2:48 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_016_2f 63 **Plot**) -63 **Site** ImanaGa YThailand(Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	f 4.4	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O *	Rayong
Oil & *rease	mg/L	-	3	f	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(k		-	-	5.3	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGuIG ทะเบียนเลขที ว-323-จ-0021

RemarG :
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471080
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033928-1

Sample Number	2471080-1
Sampled Date	Jul 08, 2024 10:55 AM
Sample Description	Wastewater
Contract ID	L_CIE_012_2550 **Plot** A-7 **Site** In-Season Foods Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	81.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471224
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034150-1

Sample Number	2471224-1
Sampled Date	Jul 09, 2024 10:48 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2558 **Plot** M-2 **Site** Insee Ecocycle Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	59.2	≤500	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	170	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	32	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471125
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034117-1

Sample Number	247112f-1
Sampled Date	Jul 08, 2024 11:28 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2f61 **Plot**)-40 **Site** ISHWAR PRGFILES YTHAILAND(Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, some odour, a lot o5solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Yf days at 20 Degree C(	mg/L	-	2.0	20.f	≤f00	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part f210 B, part 4f00 - G &	Rayong
Gil x &rease	mg/L	-	3	*3	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part ff20 B	Rayong
pH Yon site(k		-	-	7.8	f.f-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4f00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f67 : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- LGD : Limit o5Detection
- <* < : Lower than LG" YLimit o5" uantitation(/ LGR YLimit o5Reporting(
- AnalyteYs(marQed k is/are not included in scope o5Accreditation ISG/IEC 1702f.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471110
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 30339f 9-1

Sample Number	24f 1110-1
Sampled Date	Jul 08, 2024 2:5f PM
Sample Description	Wastewater
Contract ID	L_CIE_012_2560 **Plot** B-6E **Site** Jungheinrich Li7 Truc(Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	52.2	≤500	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 5210 B, part 4500 - x *	Rayong
x il G *rease	mg/L	-	3	5	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 5520 B	Rayong
pH)on siteY k		-	-	8.0	5.5-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4500 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
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- "<" : Lower than Lx Q)Limit o7QuantitationY/ Lx R)Limit o7ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471216
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034113-1

Sample Number	2471216-1
Sampled Date	Jul 08, 2024 2:05 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2561 **Plot** Z.18 **Site** KIMSONG ARTIWOOD Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	38.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Formaldehyde	mg/L	0.03	0.1	0.3	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471128
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034121-1

Sample Number	2471128-1
Sampled Date	Jul 08, 2024 10:34 AM
Sample Description	Wastewater
Contract ID	L_CIE_016_2557 **Plot** Z-59A **Site** Kintetsu Logistics OThailandGCo.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D O5 days at 20 Degree CG	mg/L	-	2.0	17.5	≤500	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 -) &	Rayong
) il x &rease	mg/L	-	3	5	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH O2n siteG *		-	-	7.9	5.5-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H OBG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471086
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 3033934-1

Sample Number	2451086-1
Sampled Date	Jul 08, 2024 2:26 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2776 **Plot** B-11C **Site** Guriyama (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (7 days at 20 Degree C)	mg/L	-	2.0	40.2	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - Y *	Rayong
Yil & *rease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) k		-	-	5.6	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471226
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 303415f -1

Sample Number	24f 1226-1
Sampled Date	Jul 11, 2024 1:52 PM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden CThailandGCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D C5 days at 20 Degree CG	mg/L	-	2.0	22.5	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 5210 B, part 4500 -) &	Rayong
) il x &rease	mg/L	-	3	3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 5520 B	Rayong
pH Con siteG *		-	-	f .f	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 4500 - H CBG	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	824	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 2540 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471226
Date Received : Jul 11, 2024
Date Reported : Jul 18, 2024
Report Number : 303415f -2

Page 1 o71

Sample Number	24f 1226-1
Sampled Date	Jul 11, 2024 1:52 PM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden CThailandGCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.21	≤2.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f , part 3125 B, 3030 F	Bangxox
Nicxel	mg/L	0.0003	0.0005	0.003	≤1.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f , part 3125 B, 3030 F	Bangxox

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saxulx ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang@itam ทะเบียนเลขที่ ว-204-จ-0002

Remarx :
- Lk D : Limit o7Detection
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471227
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034159-1

Sample Number	2471227-1
Sampled Date	Jul 11, 2024 2:18 PM
Sample Description	Wastewater
Contract ID	L_CIE_021_2550 **Plot** Z-6 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D O5 days at 20 Degree CG	mg/L	-	2.0	16.6	≤500	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 -) &	Rayong
) il x &rease	mg/L	-	3	* 3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Qon siteG k		-	-	7.9	5.5-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H OBG	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	516	≤3000	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที ว-204-จ-0002

RemarQ:
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471227
Date Received : Jul 11, 2024
Date Reported : Jul 18, 2024
Report Number : 3034159-2

Sample Number	2471227-1
Sampled Date	Jul 11, 2024 2:18 PM
Sample Description	Wastewater
Contract ID	L_CIE_021_2550 **Plot** Z-6 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.29	≤2.0	Standard Methods for the E) amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangxox
Nicxel	mg/L	0.0003	0.0005	0.002	≤1.0	Standard Methods for the E) amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangxox

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saxulx ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที ว-204-จ-0002

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471109
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 30339f f -1

Sample Number	24f 1109-1
Sampled Date	Jul 08, 2024 2:72 PM
Sample Description	Wastewater
Contract ID	L_CIE_013_277f **Plot** B-6B **Site** Gyowa SS (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot o5odour, some solid and a lot o5turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (7 days at 20 Degree C)	mg/L	-	2.0	22.4	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7210 B, part 4700 - Y *	Rayong
Yil & *rease	mg/L	-	3	f	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7720 B	Rayong
pH (on site) k		-	-	f.7	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4700 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471082
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3033930-1

Sample Number	24f 1082-1
Sampled Date	Jul 11, 2024 10:18 AM
Sample Description	Wastewater
Contract ID	L7CIE700172__4 **Plot** A-_/1 **Site** Laem Chabang Tan(Services Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CY	mg/L	-	2.0	44.6	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part _210 B, part 4_00 - x *	Rayong
x il G *rease	mg/L	-	3	6	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteY k		-	-	8.0	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4_00 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที ว-323-จ-0021

Remar(:
- Lx D : Limit o5Detection
- "<" : Lower than Lx Q)Limit o5QuantitationY / Lx R)Limit o5ReportingY
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2474400
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3039158-1

Sample Number	2474400-1
Sampled Date	Jul 08, 2024 2:16 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2567 **Plot** B.12C **Site** MARU (lobal Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	66.4	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x (	Rayong
x il G (rease	mg/L	-	3	8	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	8.0	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471172
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034268-1

Sample Number	2471172-1
Sampled Date	Jul 08, 2024 3:12 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2566 **Plot** F-14 **Site** MAX METAL INTERNATI(NAL C(MPAN) LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y5 days at 20 Degree CO	mg/L	-	2.0	44.6	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon siteO *		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471131
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034126-1

Sample Number	2451131-1
Sampled Date	Jul 08, 2024 11:24 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2f 60 **Plot** (.f 5 **Site** Muntons Ingredients GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Gf days at 20 Degree CY	mg/L	-	2.0	154	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	f	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH G›n siteY *		-	-	5.2	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LZQ GLimit o7QuantitationY / LZR GLimit o7ReportingY
- AnalyteGSYmarked * is/are not included in scope o7Accreditation ISZ/IEC 1502f.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471102
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3033965-1

Sample Number	2451102-1
Sampled Date	Jul 11, 2024 9:79 AM
Sample Description	Wastewater
Contract ID	L_CIE_012_2775 **Plot** C-2,3,4 **Site** Na(agawa Special Steel)ThailandY Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)7 days at 20 Degree CY	mg/L	-	2.0	20.4	≤700	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7210 B, part 4700 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7720 B	Rayong
pH)on siteY Q		-	-	5.8	7.7-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 4700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
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- -k < : Lower than Lx ")Limit of " uantitationY / Lx R)Limit of ReportingY
- Analyte)sYmar(ed Q is/are not included in scope of Accreditation ISx/IEC 15027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471176
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 30342f 9-1

Sample Number 24f 11f 6-1
Sampled Date Jul 08, 2024 3:72 PM
Sample Description Wastewater
Contract ID L_WHA CIE1_007_2766 **Plot** O2 **Site** NAMG(N) TERMINAL PUBLIC C(MPANG LIMITED
Date Analysis Commenced Jul 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAx
Physical Property Gellow, a lot o5odour, some solid and a lot o5turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y7 days at 20 Degree Cx	mg/L	-	2.0	10f	≤700	Standard Methods 5or the E&amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part 7210 B, part 4700 - ( )	Rayong
(il *) rease	mg/L	-	3	7	≤10	Standard Methods 5or the E&amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part 7720 B	Rayong
pH Yon sitex k		-	-	8.3	7.7-9.0	Standard Methods 5or the E&amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part 4700 - H YBx	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f :) eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที ว-323-จ-0021

Remarj :
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- KQK : Lower than L(\ YLimit o5\ uantitationx / L(R YLimit o5Reportingx
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2474406
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3039160-1

Sample Number 2474406-1
Sampled Date Jul 08, 2024 11:11 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_004_2567 **Plot** A.9A, A.10 **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced Jul 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.2	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471106
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 30339f 3-1

Sample Number	24f 1106-1
Sampled Date	Jul 08, 2024 11:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2560 **Plot** A-8A **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	1f .4	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) *		-	-	f .8	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471162
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 303423f -1

Sample Number	24f 1162-1
Sampled Date	Jul 08, 2024 2:30 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2565 **Plot** B-11D **Site** Nichiyu Asia (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	33.2	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) *		-	-	8.1	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

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Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471078
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 303392f -1

Sample Number	24f 10f 8-1
Sampled Date	Jul 08, 2024 10:29 AM
Sample Description	Wastewater
Contract ID	L_CIE_02f _2550 **Plot** A-5 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	30.9	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) k		-	-	8.0	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471138
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3034181-1

Sample Number	2471138-1
Sampled Date	Jul 08, 2024 10:24 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2553 **Plot** A-6 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	11.5	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- LOD : Limit of Detection
- < : Lower than LO" (Limit of " uantitation) / LOR (Limit of Reporting)
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471111
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 3033980-1

Sample Number	2451111-1
Sampled Date	Jul 08, 2024 10:06 AM
Sample Description	Wastewater
Contract ID	L_CIE_006_2760 **Plot** (-1 **Site** NiGGei MC Aluminium Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)7 days at 20 Degree CO	mg/L	-	2.0	40.4	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 7210 B, part 4700 - x k	Rayong
x il * k rease	mg/L	-	3	j 3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 7720 B	Rayong
pH)on siteO \		-	-	5.5	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 4700 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG:
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- Analyte)sOmarGed \ is/are not included in scope of Accreditation ISx /IEC 15027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471105
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3033951-1

Sample Number	2451107-1
Sampled Date	Jul 11, 2024 10:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_007_2778 **Plot** A-7/2 **Site** Nual Chavee Engineering Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	*2.0	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) k		-	-	5.9	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471103
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 303412f -1

Sample Number	2451130-1
Sampled Date	Jul 08, 2024 10:f f AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2f 61 **Plot** (-f 9 I **Site** Red7low GThailandY Limited.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Cf days at 20 Degree CY	mg/L	-	2.0	1f 2	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	8	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH G0n siteY *		-	-	5.f	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LZQ GLimit o7QuantitationY / LZR GLimit o7ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471098
Date Received : Jul 09, 2024
Date Reported : Jul 17, 2024
Report Number : 3033961-1

Sample Number	2451098-1
Sampled Date	Jul 09, 2024 10:39 AM
Sample Description	Wastewater
Contract ID	L_CIE_014_2760 **Plot** D-12/2A **Site** S.G. TAN(CLEANIN) TERMINAL Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD C7 days at 20 Degree CY	mg/L	-	2.0	47.8	≤700	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 7210 B, part 4700 - G)	Rayong
Gil *) rease	mg/L	-	3	8	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 7720 B	Rayong
pH G0n siteY k		-	-	5.9	7.7-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 2015, part 4700 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

Remarj :
- LGD : Limit of Detection
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471124
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034116-1

Sample Number	2451124-1
Sampled Date	Jul 08, 2024 2:28 PM
Sample Description	Wastewater
Contract ID	L_CIE_010_2f f 6 **Plot** (-32 **Site** Sail Industry GThailandY Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Cf days at 20 Degree CY	mg/L	-	2.0	f 8.2	≤f 00	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY *		-	-	8.f	f .f -9.0	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471184
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 303429f -1

Sample Number	2451184-1
Sampled Date	Jul 08, 2024 2:24 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2f 65 **Plot** Z.2f, Z.26 **Site** SAIL INDUSTRG YTHAILAND(C) MPANG LIMITED
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Yf days at 20 Degree C(	mg/L	-	2.0	3f .2	≤f 00	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 -) &	Rayong
) il x &rease	mg/L	-	3	f	≤10	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(*		-	-	8.3	f .f -9.0	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L) D : Limit o7Detection
- "<" : Lower than L) Q YLimit o7Quantitation(/ L) R YLimit o7Reporting(
- AnalyteYS(marked * is/are not included in scope o7Accreditation IS) /IEC 1502f .
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471123
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034114-1

Sample Number	2451123-1
Sampled Date	Jul 08, 2024 2:10 PM
Sample Description	Wastewater
Contract ID	L_CIE_032_2f f 0 **Plot**) -33 **Site** SaGura Industry YThailand(Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	110	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O *	Rayong
Oil & *rease	mg/L	-	3	10	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(k		-	-	8.f	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที ว-323-จ-0021

RemarG :
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- "<" : Lower than LOQ YLimit o7Quantitation(/ LOR YLimit o7Reporting(
- AnalyteYs(marGed k is/are not included in scope o7Accreditation ISO/IEC 1502f .
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471218
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034146-1

Sample Number	2471218-1
Sampled Date	Jul 09, 2024 9:39 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

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	≤500	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	28	≤750	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	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	218	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-204-จ-0002

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471218
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034146-2

Sample Number	2471218-1
Sampled Date	Jul 09, 2024 9:39 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Jul 10, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.002	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.23	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471218
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034146-3

Sample Number	2471218-1
Sampled Date	Jul 09, 2024 9:39 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Jul 10, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.79	≤10.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk , Pattarapol Sawangjaitam

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471119
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033991-1

Sample Number	2471119-1
Sampled Date	Jul 08, 2024 3:07 PM
Sample Description	Wastewater
Contract ID	L_CIE_018_2557 **Plot** F-15 **Site** SET (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	56.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471118
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3033990-1

Sample Number	24f 1118-1
Sampled Date	Jul 01, 2024 2:55 PM
Sample Description	Wastewater
Contract ID	L_CIE_01f _255f **Plot** F-10 **Site** Shinsei Go(i)ThailandOComporation Limited.
Date Analysis Commenced	Jul 01, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	10.2	≤500	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f , part 5210 B, part 4500 - x k	Rayong
x il * k rease	mg/L	-	3	j 3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f , part 5520 B	Rayong
pH)on siteO \		-	-	f .8	5.5-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f , part 4500 - H)BO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : k eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya(un ทะเบียนเลขที่ ว-323-จ-94f 6

Remar(:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471090
Date Received : Jul 08, 2024
Date Reported : Jul 17, 2024
Report Number : 3033939-1

Sample Number	2451090-1
Sampled Date	Jul 08, 2024 9:48 AM
Sample Description	Wastewater
Contract ID	L_CIE_015_2770 **Plot** B-3 **Site** Shinwa Gogyo (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (7 days at 20 Degree C)	mg/L	-	2.0	8.6	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - Y *	Rayong
Yil & *rease	mg/L	-	3	k 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) j		-	-	8.0	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471096
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 303395f -1

Sample Number	24f 1096-1
Sampled Date	Jul 09, 2024 10:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_018_2550 **Plot** D-13/2 **Site** Siam Steel Mill Services Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	39.8	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) k		-	-	f .9	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471088
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 3033936-1

Sample Number	2471088-1
Sampled Date	Jul 08, 2024 2:22 PM
Sample Description	Wastewater
Contract ID	L_CIE_004_2557 **Plot** B-11A **Site** SPF (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	18.7	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471095
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3033955-1

Sample Number	2471095-1
Sampled Date	Jul 09, 2024 11:49 AM
Sample Description	Wastewater
Contract ID	L_CIE_019_2550 **Plot** D-4 **Site** Taisei Plas (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	51.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471103
Date Received : Jul 09, 2024
Date Reported : Jul 17, 2024
Report Number : 3033968-1

Sample Number	2451103-1
Sampled Date	Jul 09, 2024 10:78 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2778 **Plot** M-3 **Site** Tayih Genmos Auto Parts (Thailand) Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (7 days at 20 Degree C)	mg/L	-	2.0	91.4	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - Y *	Rayong
Yil & *rease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) k		-	-	5.1	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471215
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 30341f f -1

Sample Number	24f 1215-1
Sampled Date	Jul 08, 2024 3:18 PM
Sample Description	Wastewater
Contract ID	L_CIE_013_2560 **Plot** F-13A **Site** Thai daerim Precision Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	f4.4	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	224	≤f 50	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) *		-	-	8.3	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	384	≤3000	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	43	≤200	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2540 D	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471097
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3033959-1

Sample Number	2471097-1
Sampled Date	Jul 09, 2024 10:26 AM
Sample Description	Wastewater
Contract ID	L_CIE_007_2558 **Plot** D-12/1A **Site** THAI ESC(RP LTD.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	36.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than L(Q)Limit of QuantitationY / L(R)Limit of ReportingY
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471219
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 3034145-1

Sample Number	2451219-1
Sampled Date	Jul 11, 2024 1:35 PM
Sample Description	Wastewater
Contract ID	L7CIE700172__9 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	<2.0	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _210 B, part 4_00 - O G	Rayong
COD	mg/L	1._	2_	<2_	≤5_0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part __20 B	Rayong
pH (on site) *		-	-	5.8	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4_00 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	_	198	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2_40 C	Rayong
Total Suspended Solids Dried at 103-10_ degree C	mg/L	-	_	<_	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2_40 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471219
Date Received : Jul 11, 2024
Date Reported : Jul 18, 2024
Report Number : 3034147-2

Sample Number	2471219-1
Sampled Date	Jul 11, 2024 1:37 PM
Sample Description	Wastewater
Contract ID	L5CIE500152__9 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPA(
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Lead	mg/L	0.0003	0.000_	0.003	≤0.2	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 2017, part 312_ B, 3030 F	Bangxox

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saxulx ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang◂aitam ทะเบียนเลขที่ ว-204-จ-0002

Remarx :
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- j\ j : Lower than L*k GLimit of k uantitation(/ L*R GLimit of Reporting(
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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471115
Date Received : Jul 08, 2024
Date Reported : Jul 15, 2024
Report Number : 303398f -1

Sample Number	24f 1115-1
Sampled Date	Jul 08, 2024 3:23 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2552 **Plot** F-12 **Site** Thai Instant Products Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	424	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) k		-	-	6.0	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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- <* < : Lower than LO" (Limit o7" uantitation) / LOR (Limit o7Reporting)
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471175
Date Received : Jul 11, 2024
Date Reported : Jul 16, 2024
Report Number : 30342f 6-1

Sample Number	24f 11f 5-1
Sampled Date	Jul 11, 2024 2:01 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2566 **Plot**)-60,)61,)61B **Site** THAI GUTDG PGWER TECHNGLGY(Co.,Ltd.
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	(ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z5 days at 20 Degree CO	mg/L	-	2.0	19.8	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - G Y	Rayong
Gil & Yrease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH Zon siteO k		-	-	f.2	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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- <* < : Lower than LG" ZLimit o7" uantitationO/ LGR ZLimit o7ReportingO
- AnalyteZsOmarQed k is/are not included in scope o7Accreditation ISG/IEC 1f025.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471170
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034262-1

Sample Number	24f 11f 0-1
Sampled Date	Jul 09, 2024 9:78 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2760 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and a lot o5turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	140	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	f	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7720 B	Rayong
pH (on site) *		-	-	f.9	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4700 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
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- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471105
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3034213-1

Sample Number	2471150-1
Sampled Date	Jul 09, 2024 2:57 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2564 **Plot** G-62 **Site** Thai Wp Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y5 days at 20 Degree C(	mg/L	-	2.0	34.0	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	9	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(*		-	-	8.0	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471178
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 303428f-1

Sample Number	2451158-1
Sampled Date	Jul 08, 2024 2:1f PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2f 66 **Plot**).21 **Site** TGGLS INTERNATIGNAL YTHAILAND(Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Yf days at 20 Degree C(	mg/L	-	2.0	26.6	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - G &	Rayong
Gil x &rease	mg/L	-	3	f	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(*		-	-	5.6	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Notiᖷcation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LGQ YLimit o7Quantitation(/ LGR YLimit o7Reporting(
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2474410
Date Received : Jul 09, 2024
Date Reported : Jul 1f, 2024
Report Number : 30391f 7-1

Sample Number	2474401-1
Sampled Date	Jul 09, 2024 3:f 1 PM
Sample Description	Wastewater
Contract ID	L_WHA **Plot**).4,).4A,).4C **Site** Top LinG Industrial YThailand(Co.,Ltd. CIE1_006_2f 67
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o5odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	13.1	≤f 00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part f 210 B, part 4f 00 - O *	Rayong
Oil & *rease	mg/L	-	3	7	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part f f 20 B	Rayong
pH Yon site(k		-	-	8.0	f .f -9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4f 00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f 67 : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG :
- LOD : Limit o5Detection
- "<" : Lower than LOQ YLimit o5Quantitation(/ LOR YLimit o5Reporting(
- AnalyteYs(marGed k is/are not included in scope o5Accreditation ISO/IEC 1702f .
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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2471164
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 3034243-1

Sample Number	2451164-1
Sampled Date	Jul 08, 2024 3:18 PM
Sample Description	Wastewater
Contract ID	L_WHA **Plot**)-64 **Site** Top LinG Industrial YThailand(Co.,Ltd. CIE1_003_2f 6f
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	23.f	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O *	Rayong
Oil & *rease	mg/L	-	3	8	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(k		-	-	8.0	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG :
- LOD : Limit o7Detection
- "<" : Lower than LOQ YLimit o7Quantitation(/ LOR YLimit o7Reporting(
- AnalyteYs(marGed k is/are not included in scope o7Accreditation ISO/IEC 1502f .
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471145
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034205-1

Sample Number	2471145-1
Sampled Date	Jul 09, 2024 9:26 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_012_2563 **Plot** B-9 **Site** Toyoda Sei(o)ThailandOCo.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Blac(, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	43.1	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x <	Rayong
x il G <rease	mg/L	-	3	8	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteO *		-	-	7.4	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
- Lx D : Limit of Detection
- Q' Q : Lower than Lx k)Limit of k uantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmar(ed * is/are not included in scope of Accreditation ISx /IEC 17025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471137
Date Received : Jul 09, 2024
Date Reported : Jul 1f, 2024
Report Number : 303414f -1

Sample Number	2451135-1
Sampled Date	Jul 09, 2024 3:15 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2f 62 **Plot** G.f f F **Site** Turnli∂e Technology Thailand Co.,Ltd.
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ D Yf days at 20 Degree C(	mg/L	-	2.0	*2.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Z il x &rease	mg/L	-	3	*3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(k		-	-	5.6	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

Guideline : Notiϡcation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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- <* < : Lower than LZ" YLimit o7" uantitation(/ LZ R YLimit o7Reporting(
- AnalyteYs(marQed k is/are not included in scope o7Accreditation ISZ /IEC 1502f .
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471112
Date Received : Jul 01, 2024
Date Reported : Jul 08, 2024
Report Number : 3033983-1

Sample Number	2471112-1
Sampled Date	Jul 01, 2024 3:05 PM
Sample Description	Wastewater
Contract ID	L_CIE_023_2550 **Plot** F-9 **Site** Van Leeuwen Pipe and Tube (Thailand) Ltd.
Date Analysis Commenced	Jul 01, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	50.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471168
Date Received : Jul 08, 2024
Date Reported : Jul 1f, 2024
Report Number : 30342f 7-1

Sample Number	2471168-1
Sampled Date	Jul 08, 2024 2:39 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2f 6f **Plot** B-10C **Site** V-SACHET Co.,Ltd.
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (f days at 20 Degree C)	mg/L	-	2.0	4.6	≤f 00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part f 210 B, part 4f 00 - O G	Rayong
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part f f 20 B	Rayong
pH (on site) *		-	-	7.6	f .f -9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4f 00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f 67 : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484888
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065262-1

Sample Number	2484888-1
Sampled Date	Aug 08, 2024 3:07 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2564 **Plot** Z-55G **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	6.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484889
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065263-1

Sample Number	2484889-1
Sampled Date	Aug 08, 2024 3:10 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700872564 **Plot**)-55H **Site** A_RI SGRUP INDUSTRG YTHAILAND(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y5 days at 20 Degree C(	mg/L	-	2.0	186	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Z _	Rayong
Zil x _rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH Yon site(*		-	-	5.9	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : _eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LZD : Limit of Detection
- "<" : Lower than LZQ YLimit of Quantitation(/ LZR YLimit of Reporting(
- AnalyteY5(marked * is/are not included in scope of Accreditation ISZ/IEC 18025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484896
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 3-1

Sample Number	2484896-1
Sampled Date	Aug 08, 2024 1:45 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2565 **Plot** Z-59B **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (5 days at 20 Degree C)	mg/L	-	2.0	93.8	≤500	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5210 B, part 4500 - G &	Rayong
Gil x &rease	mg/L	-	3	10	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) <		-	-	f.9	5.5-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484897
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 4-1

Sample Number	248489f -1
Sampled Date	Aug 08, 2024 1:48 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2565 **Plot** Z-59C **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (5 days at 20 Degree C)	mg/L	-	2.0	51.3	≤500	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5210 B, part 4500 - G &	Rayong
Gil x &rease	mg/L	-	3	5	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) <		-	-	f.6	5.5-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2484898
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 6-1

Sample Number	2484898-1
Sampled Date	Aug 08, 2024 1:52 PM
Sample Description	Wastewater
Contract ID	L_CIE_00f _2560 **Plot** Z-59D **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (5 days at 20 Degree C)	mg/L	-	2.0	111	≤500	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5210 B, part 4500 - G &	Rayong
Gil x &rease	mg/L	-	3	10	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) <		-	-	f.f	5.5-9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2484864
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065216-1

Sample Number	2484864-1
Sampled Date	Aug 08, 2024 2:54 PM
Sample Description	Wastewater
Contract ID	L7CIE700872558 **Plot** _-55E **Site** Analog City
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D G5 days at 20 Degree CY	mg/L	-	2.0	69.4	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5210 B, part 4500 -) &	Rayong
) il O &rease	mg/L	-	3	x	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5520 B	Rayong
pH G0n siteY <		-	-	8.3	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- Q' Q : Lower than L) k GLimit of k uantitationY / L) R GLimit of ReportingY
- AnalyteGsYmar*ed < is/are not included in scope of Accreditation IS) /IEC 1x025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484826
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065134-1

Sample Number	2484826-1
Sampled Date	Aug 08, 2024 10:31 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2557 **Plot** B-10B **Site** Anstac (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	39.2	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484844
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 30651f 3-1

Sample Number	2484844-1
Sampled Date	Aug 08, 2024 9:52 AM
Sample Description	Wastewater
Contract ID	L7CIE700972558 **Plot** A-08C **Site** Asahi Diamond (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	168	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) *		-	-	f .5	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than LOQ (Limit o_Quantitation) / LOR (Limit o_Reporting)
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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484908
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065289-1

Sample Number 2484908-1
Sampled Date Aug 08, 2024 10:23 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_006_2566 **Plot** B11-B **Site** ASMECH TECHN7 L7 ( ) YTHAILANDOC7 MPAN) LIMITED
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 D Y5 days at 20 Degree CO	mg/L	-	2.0	23.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5210 B, part 4500 - 7 (	Rayong
7 il & (rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5520 B	Rayong
pH Yon siteO k		-	-	G.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L7 D : Limit of Detection
- <* < : Lower than L7 " YLimit of " uantitationO/ L7 R YLimit of ReportingO
- AnalyteYsOmarQed k is/are not included in scope of Accreditation IS7 /IEC 1G025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484887
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065260-1

Sample Number 248488_-1
Sampled Date Aug 08, 2024 3:32 PM
Sample Description Wastewater
Contract ID L7WHA CIE1700572564 **Plot** C-01 **Site** ATEN C(MPUTER PR(DUCT Co.,Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	36.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY k		-	-	_.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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- <* < : Lower than L(")Limit of " uantitationY/ L(R)Limit of ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484850
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065196-1

Sample Number	2484850-1
Sampled Date	Aug 08, 2024 2:1_ PM
Sample Description	Wastewater
Contract ID	L7CIE700172550 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	1_.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) k		-	-	_.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484943
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065235-1

Sample Number	2484943-1
Sampled Date	Aug 09, 2024 10:06 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	28.6	≤500	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	139	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	81	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	76	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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	≤45	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	524	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484943
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065235-1

Sample Number	2484943-1
Sampled Date	Aug 09, 2024 10:06 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	59.8	≤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	20	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ค -323-ว-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484943
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065235-2

Sample Number	2484943-1
Sampled Date	Aug 09, 2024 10:06 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	No Velocity	No Standard	Flow meter	Rayong
Odour		-	-	Odourless	No Standard	TIS, 257-2549	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk

Remark :
- LOD : Limit of Detection
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484945
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 306523f -1

Sample Number	2484945-1
Sampled Date	Aug 09, 2024 10:03 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2559 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	* 2.0	≤500	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 5210 B, part 4500 - x (	Rayong
Cx D	mg/L	1.5	25	54	≤f 50	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 5220 D	Rayong
Color)at x riginal pHO	ADMI	-	5	8	≤600	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 2120 F	Rayong
Color)at pH f .0O	ADMI	-	5	8	≤600	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 2120 F	Rayong
x il 7 (rease	mg/L	-	3	* 3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 5520 B	Rayong
pH)on siteO k		-	-	f .f	5.5-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 4500 - H)BO	Rayong
Residual Free Chlorine k	mg/L	-	0.1	* 0.1	≤1	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 4500-Cl)FO	Rayong
Temperature k	Degree C	-	-	30.6	≤45	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 2550 B	Rayong

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TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484945
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 306523f -1

Sample Number	2484945-1
Sampled Date	Aug 09, 2024 10:03 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2559 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	2110	≤3000	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 2540 C	Rayong
Total Q(eldahl Nitrogen as N	mg/L	-	1.0	2.6	≤100	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 4500-Norg)CQ part NH3)DO	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤200	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 2540 D	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : (eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ค -323-ว-0021

Remarj :
- Lx D : Limit o_Detection
- <* < : Lower than Lx ")Limit o_" uantitationO/ Lx R)Limit o_ReportingO
- Analyte)sOmarj ed k is/are not included in scope o_Accreditation ISx /IEC 1f 025.
- The laboratory has been accepted as an accredited laboratory complying with the ISx /IEC 1f 025.

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484945
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065237-2

Sample Number	2484945-1
Sampled Date	Aug 09, 2024 10:03 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.017	No Standard	Flow meter	Rayong
Odour		-	-	Odourless	No Standard	TIS, 257-2549	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk

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

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2474399
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065120-1

Sample Number	24_4399-1
Sampled Date	Aug 08, 2024 11:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE700272550 **Plot** B.I.(**Site** B.I.(. Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	9_.8	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 5210 B, part 4500 - x (	Rayong
x il G (rease	mg/L	-	3	3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY *		-	-	8.1	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athompromarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484937
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065230-1

Sample Number	2484937-1
Sampled Date	Aug 08, 2024 9:30 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2555 **Plot** (-68 **Site** BHN GTHAILANDY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	8.9	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
CZD	mg/L	1.5	25	60	≤750	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5220 D	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Gon siteY *		-	-	7.9	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H GBY	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484912
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065294-1

Sample Number	2484912-1
Sampled Date	Aug 09, 2024 9:11 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_256G **Plot** Y.9,Y.10,Y.11,Y.12 **Site** BNSS STEEL (R) UP C) MPANO LIMITED
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D x5 days at 20 Degree C&	mg/L	-	2.0	35.G	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 5210 B, part 4500 -) (	Rayong
) il * (rease	mg/L	-	3	8	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 5520 B	Rayong
pH xon site& k		-	-	G.8	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 4500 - H xB&	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484876
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065246-1

Sample Number 24848_6-1
Sampled Date Aug 08, 2024 8:55 AM
Sample Description Wastewater
Contract ID L7WHA CIE1700272563 **Plot** B-6C **Site** Boncafe (Thailand) Co.,Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	49.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) k		-	-	_.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484925
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065239-1

Sample Number 2484925-1
Sampled Date Aug 08, 2024 9:04 AM
Sample Description Wastewater
Contract ID L_CIE_003_2550 **Plot** B-5 **Site** Boncafe 7Thailand(Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. 7APHA / USEPA(
Physical Property) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 75 days at 20 Degree C(	mg/L	-	2.0	12.5	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Y G	Rayong
Yil x Grease	mg/L	-	3	*3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH 7on site(k		-	-	&6	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H 7B(	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	33	≤200	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484830
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065141-1

Sample Number	2484830-1
Sampled Date	Aug 09, 2024 9:32 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2557 **Plot** B-04 **Site** Castool Tooling systems
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	13.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484875
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065245-1

Sample Number	24848_5-1
Sampled Date	Aug 09, 2024 2:2_ PM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** D.13/1,D.13/3(A) **Site** Chonburi Clean Energy Co.,Ltd. CIE1700172563
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	62._	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) k		-	-	_.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484861
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065212-1

Sample Number	2484861-1
Sampled Date	Aug 08, 2024 3:39 PM
Sample Description	Wastewater
Contract ID	L7CIE702872550 **Plot** Y-48 **Site** Coil Tech Steel _ThailandGCo.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. _APHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D _5 days at 20 Degree CG	mg/L	-	2.0	<2.0	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5210 B, part 4500 -) &	Rayong
) il O &rease	mg/L	-	3	<3	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5520 B	Rayong
pH _on siteG *		-	-	x.8	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 4500 - H _BG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484836
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065153-1

Sample Number	2484836-1
Sampled Date	Aug 09, 2024 10:38 AM
Sample Description	Wastewater
Contract ID	L_CIE_004_2550 **Plot** E-5 **Site** Daifu7u (Thailand) Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	181	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5210 B, part 4500 - O *	Rayong
Oil & *rease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5520 B	Rayong
pH (on site) k		-	-	G.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa7ul7 ทะเบียนเลขที่ ว-323-จ-0021

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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484896
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065222-1

Sample Number	2484869-1
Sampled Date	Aug 08, 2024 9:47 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2562 **Plot** (.67 **Site** DT Wiring Systems GThailandY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	17.0	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	5	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Gon siteY <		-	-	7.7	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2474718
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065224-1

Sample Number	2484871-1
Sampled Date	Aug 08, 2024 9:57 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2562 **Plot**).52 **Site** DTS DraeGmaier Automotive Systems YThailand(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	181	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - O &	Rayong
Oil x &rease	mg/L	-	3	10	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(<		-	-	8.2	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- Q' Q : Lower than LOk YLimit of k uantitation(/ LOR YLimit of Reporting(
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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484820
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065122-1

Sample Number	2484820-1
Sampled Date	Aug 08, 2024 9:10 AM
Sample Description	Wastewater
Contract ID	L_CIE_005_2550 **Plot** A-1 **Site** Dusholu7 (Siam) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	6.8	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - O G	Rayong
Oil x Grease	mg/L	-	3	3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH (on site) *		-	-	8.0	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484885
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065258-1

Sample Number	2484885-1
Sampled Date	Aug 08, 2024 11:03 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2564 **Plot** B6-A **Site** ENRX Limited
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	30.6	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484821
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065124-1

Sample Number	2484821-1
Sampled Date	Aug 08, 2024 9:15 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2557 **Plot** A-2 **Site** Feltol Manufacturing Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	59.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484905
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065286-1

Sample Number	2484905-1
Sampled Date	Aug 08, 2024 1:56 PM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** (-59E **Site** FES _ RAGSYAR ELECTRYNICS Co.,Ltd. CIE1700372566
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAZ
Physical Property	Gellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD)5 days at 20 Degree CZ	mg/L	-	2.0	<2.0	≤500	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA _ WEF, 23rd ed., 201x, part 5210 B, part 4500 - Y &	Rayong
Yil _ &rease	mg/L	-	3	<3	≤10	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA _ WEF, 23rd ed., 201x, part 5520 B	Rayong
pH)on siteZ *		-	-	x.x	5.5-9.0	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA _ WEF, 23rd ed., 201x, part 4500 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484868
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065221-1

Sample Number 2484868-1
Sampled Date Aug 08, 2024 2:10 PM
Sample Description Wastewater
Contract ID L7WHA CIE1700272562 **Plot** Y.59F **Site** FES International _ThailandGCo.,Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. _APHA / USEPAG
Physical Property (ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D _5 days at 20 Degree CG	mg/L	-	2.0	60.3	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5210 B, part 4500 -) &	Rayong
) il O &rease	mg/L	-	3	9	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5520 B	Rayong
pH _on siteG <		-	-	8.2	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 4500 - H _BG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484894
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 1-1

Sample Number 2484894-1
Sampled Date Aug 08, 2024 2:00 PM
Sample Description Wastewater
Contract ID L_WHA CIE1_002_2565 **Plot** G-59Y **Site** FES International Co.,Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Zellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	64.8	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O Y	Rayong
Oil & Yrease	mg/L	-	3	6	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) <		-	-	f .5	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Notiᵹcation o7the Industrial Estate Authority o7Thailand No.029/256f : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484845
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065181-1

Sample Number	2484845-1
Sampled Date	Aug 09, 2024 9:3_ AM
Sample Description	Wastewater
Contract ID	L7CIE701172558 **Plot** B-6 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Location	บริษัท ควอซาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y5 days at 20 Degree CO	mg/L	-	2.0	84.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Yon siteO *		-	-	_._	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484911
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065292-1

Sample Number	2484911-1
Sampled Date	Aug 09, 2024 2:43 PM
Sample Description	Wastewater
Contract ID	L_CIE_013_2558 **Plot** D-O **Site** FRASERS PR7 PERT( )THAILANDY PUBLIC C7 MPAN(LIMITED
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 D)5 days at 20 Degree CY	mg/L	-	2.0	6Q.5	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201Q, part 5210 B, part 4500 - 7 G	Rayong
7 il & Grease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201Q, part 5520 B	Rayong
pH)on siteY *		-	-	Q.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201Q, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256O : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484883
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065255-1

Sample Number	2484883-1
Sampled Date	Aug 09, 2024 2:36 PM
Sample Description	Wastewater
Contract ID	L_CIE_014_2558 **Plot** D-8 **Site** FRASERS PR7 PERT( )THAILANDY PUBLIC C7 MPAN(LIMITED
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	(ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 D)5 days at 20 Degree CY	mg/L	-	2.0	51.6	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - 7 G	Rayong
7il x Grease	mg/L	-	3	4	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH)on siteY *		-	-	&9	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484902
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065281-1

Sample Number	2484902-1
Sampled Date	Aug 09, 2024 10:51 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2557 **Plot** D-1 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D O5 days at 20 Degree Cx	mg/L	-	2.0	15.8	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il Y Grease	mg/L	-	3	3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Oon sitex *		-	-	7.8	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 4500 - H O8x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L(D : Limit of Detection
- "<" : Lower than L(Q OLimit of Quantitationx / L(R OLimit of Reportingx
- Analyte Oax marked * is/are not included in scope of Accreditation IS(/IEC 17025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484838
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065159-1

Sample Number	2484838-1
Sampled Date	Aug 09, 2024 10:45 AM
Sample Description	Wastewater
Contract ID	L_CIE_010_2557 **Plot** D-2 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D O5 days at 20 Degree Cx	mg/L	-	2.0	28.8	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il Y Grease	mg/L	-	3	4	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Obn sitex *		-	-	7.6	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2017, part 4500 - H OBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484841
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065165-1

Sample Number	2484841-1
Sampled Date	Aug 09, 2024 2:49 PM
Sample Description	Wastewater
Contract ID	L_CIE_004_2558 **Plot** D-6 **Site** FRASERS PR7 PERT(THAILAND INDUSTRIAL FREEH7 LD) LEASEH7 LD REIT
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 D Y5 days at 20 Degree CO	mg/L	-	2.0	68.&	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 23rd ed., 201&, part 5210 B, part 4500 - 7 G	Rayong
7 il) Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 23rd ed., 201&, part 5520 B	Rayong
pH Yon siteO *		-	-	&.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 23rd ed., 201&, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L7 D : Limit of Detection
- "<" : Lower than L7 Q YLimit of QuantitationO/ L7 R YLimit of ReportingO
- AnalyteY&Omarked * is/are not included in scope of Accreditation IS7 /IEC 1&025.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484855
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065203-1

Sample Number	2484855-1
Sampled Date	Aug 08, 2024 11:36 AM
Sample Description	Wastewater
Contract ID	L7CIE700_72556 **Plot**)-13 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z5 days at 20 Degree CO	mg/L	-	2.0	19.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201_, part 5210 B, part 4500 - G &	Rayong
Gil (&rease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Zon siteO *		-	-	_.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201_, part 4500 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LGD : Limit of Detection
- "<" : Lower than LGQ ZLimit of QuantitationO/ LGR ZLimit of ReportingO
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484856
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065204-1

Sample Number	2484856-1
Sampled Date	Aug 08, 2024 11:31 AM
Sample Description	Wastewater
Contract ID	L7CIE700872556 **Plot** (-14 **Site** FRASERS PR_ PERTG THAILAND INDUSTRIAL FREEH_ LD Y LEASEH_ LD REIT
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAZ
Physical Property	Gellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B_D)5 days at 20 Degree CZ	mg/L	-	2.0	4.8	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 5210 B, part 4500 - _ &	Rayong
_il Y &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 5520 B	Rayong
pH)on siteZ *		-	-	x.6	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 4500 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484880
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065251-1

Sample Number	2484880-1
Sampled Date	Aug 09, 2024 9:43 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_011_2563 **Plot** B-Y **Site** 7lory Winner (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D (5 days at 20 Degree C)	mg/L	-	2.0	58.8	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201Y, part 5210 B, part 4500 - x 7	Rayong
x il G 7rease	mg/L	-	3	6	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201Y, part 5520 B	Rayong
pH (on site) *		-	-	Y.8	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201Y, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256Y : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484837
Date Received : Aug 10, 2024
Date Reported : Aug 16, 2024
Report Number : 306515f -1

Sample Number	248483f -1
Sampled Date	Aug 10, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	L7CIE700972550 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	) _ice
Date Analysis Commenced	Aug 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Y5 days at 20 Degree CO	mg/L	-	2.0	56.1	≤500	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f , part 5210 B, part 4500 -) (	Rayong
) il G (rease	mg/L	-	3	*3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f , part 5520 B	Rayong
pH Yon siteO k		-	-	f .9	5.5-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f , part 4500 - H YBO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : (eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L) D : Limit o_Detection
- <* < : Lower than L) " YLimit o_" uantitationO/ L) R YLimit o_ReportingO
- AnalyteYsOmarQed k is/are not included in scope o_Accreditation IS) /IEC 1f 025.
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484897
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065250-1

Sample Number 2484879-1
Sampled Date Aug 09, 2024 8:33 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_010_2563 **Plot** BC **Site** Hardware King Co.,Ltd.
Date Analysis Commenced Aug 09, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Colorless, some odour, solid and no turbid

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	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484884
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 306525f -1

Sample Number 2484884-1
Sampled Date Aug 08, 2024 10:48 AM
Sample Description Wastewater
Contract ID L7WHA CIE1700172564 **Plot** B-8 **Site** HI-Plus Import-E(port Co.,Ltd.
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	4.1	≤500	Standard Methods _or the E(amination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - x G	Rayong
x il & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the E(amination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH)on siteY k		-	-	f .f	5.5-9.0	Standard Methods _or the E(amination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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- <* < : Lower than Lx ")Limit o_" uantitationY/ Lx R)Limit o_ReportingY
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484942
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065236-1

Sample Number	2484942-1
Sampled Date	Aug 08, 2024 4:14 PM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials 7Thailand(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. 7APHA / USEPA(
Physical Property	)ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 75 days at 20 Degree C(	mg/L	-	2.0	*2.0	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Y G	Rayong
Yil x Grease	mg/L	-	3	*3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH 7on site(k		-	-	6.8	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H 7B(	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1388	≤3000	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที ว-204-จ-0002

RemarQ:
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484942
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065236-2

Sample Number	2484942-1
Sampled Date	Aug 08, 2024 4:14 PM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.24	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-204-จ-0002

Remark :
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484882
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065254-1

Sample Number	2484882-1
Sampled Date	Aug 08, 2024 10:42 AM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** (-63 **Site** Imana_a GThailandY Co.,Ltd.
	CIE1701672563
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	50.8	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Z <	Rayong
Zil x <rease	mg/L	-	3	3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH Gon siteY *		-	-	&6	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa_ul_ ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484824
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065131-1

Sample Number	2484824-1
Sampled Date	Aug 08, 2024 9:43 AM
Sample Description	Wastewater
Contract ID	L_CIE_012_2550 **Plot** A-7 **Site** In-Season Foods Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	75.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484936
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065229-1

Sample Number	2484936-1
Sampled Date	Aug 08, 2024 2:52 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2558 **Plot** M-2 **Site** Insee Ecocycle Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 75 days at 20 Degree C(	mg/L	-	2.0	140	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Y G	Rayong
CYD	mg/L	1.5	25	48&	≤850	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5220 D	Rayong
Yil x Grease	mg/L	-	3	5	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH 7on site(*		-	-	8.6	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H 7B(	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	50	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484860
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065211-1

Sample Number	2484860-1
Sampled Date	Aug 08, 2024 2:46 PM
Sample Description	Wastewater
Contract ID	L7CIE700372561 **Plot** (-40 **Site** ISHWAR PR_FILES GTHAILANDY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, solid, some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B_D G5 days at 20 Degree CY	mg/L	-	2.0	5x.9	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5210 B, part 4500 - _ &	Rayong
_il O &rease	mg/L	-	3	<3	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5520 B	Rayong
pH G0n siteY *		-	-	x.4	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484847
4ate ReceiDed : Aug 08, 202J
4ate Reported : Aug 1v, 202J
Report Number : 306v193-1

Sample Number	2J8J8Jf-1
Sampled Date	Aug 08, 202J 11:08 AM
Sample Description	Wastewater
Contract ID	L7CIE701272v60 **Plot** B-6E **Site** _ungheinrich Li3t Truc(Co.,Ltd.
Date Analysis Commenced	Aug 08, 202J
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserDation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)v days at 20 4egree CY	mg/L	-	2.0	66.2	≤v00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part v210 B, part Jv00 - x *	Rayong
x il G *rease	mg/L	-	3	J	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part vv20 B	Rayong
pH)on siteY k		-	-	f.6	v.v-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part Jv00 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2v6f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484928
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065207-1

Sample Number	2484928-1
Sampled Date	Aug 08, 2024 11:20 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2561 **Plot** Z.18 **Site** KIMSONG ARTIWOOD Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	9.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484836
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065215-1

Sample Number	2484863-1
Sampled Date	Aug 08, 2024 1:40 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 016f 255_ **Plot** Z-59A **Site** Kintetsu Logistics OThailandGCo.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D O5 days at 20 Degree CG	mg/L	-	2.0	43.0	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 5210 B, part 4500 -) &	Rayong
) il x &rease	mg/L	-	3	5	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Q2n siteG <		-	-	_.5	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 4500 - H OBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256_ : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484827
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065136-1

Sample Number	248482_-1
Sampled Date	Aug 08, 2024 10:2_ AM
Sample Description	Wastewater
Contract ID	LGCIEG001G2556 **Plot** B-11C **Site** (uriyama)ThailandOCo.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	3_.3	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201_, part 5210 B, part 4500 - x *	Rayong
x il 7 *rease	mg/L	-	3	_	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteO k		-	-	_.4	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201_, part 4500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484938
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065233-1

Sample Number	2484938-1
Sampled Date	Aug 09, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	17.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	668	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484938
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065233-2

Sample Number	2484938-1
Sampled Date	Aug 09, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	Aug 10, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.21	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Nickel	mg/L	0.0003	0.0005	0.002	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484939
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065234-1

Sample Number	2484939-1
Sampled Date	Aug 09, 2024 11:14 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 021f 2550 **Plot** G-6 **Site** _yoden KThailandOCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. KAPHA / USEPAO
Physical Property	Zellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D K5 days at 20 Degree CO	mg/L	-	2.0	20.3	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 5210 B, part 4500 - (&	Rayong
(il Y &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 5520 B	Rayong
pH Kon siteO *		-	-	x.x	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 4500 - H KBO	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	528	≤3000	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201x, part 2540 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256x : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang@itam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484939
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065234-2

Sample Number	2484939-1
Sampled Date	Aug 09, 2024 11:14 AM
Sample Description	Wastewater
Contract ID	L_CIE_021_2550 **Plot** Z-6 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	Aug 10, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. 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
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.54	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Nickel	mg/L	0.0003	0.0005	0.001	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484825
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065133-1

Sample Number	2484825-1
Sampled Date	Aug 08, 2024 3:40 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2554 **Plot** A-5/1 **Site** Laem Chabang Tan7 Services Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	199	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5210 B, part 4500 - O *	Rayong
Oil & *rease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 5520 B	Rayong
pH (on site) k		-	-	G.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201G, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484917
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065300-1

Sample Number	248491_-1
Sampled Date	Aug 08, 2024 10:12 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE170057256_ **Plot** B.12C **Site** MARU (lobal Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	13.2	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 5210 B, part 4500 - x (	Rayong
x il G (rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY k		-	-	_.4	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484903
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065282-1

Sample Number	2484903-1
Sampled Date	Aug 08, 2024 2:03 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2566 **Plot** F-14 **Site** MAX METAL INTERNATI(NAL C(MPAN) LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y5 days at 20 Degree CO	mg/L	-	2.0	34.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon siteO *		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484866
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065218-1

Sample Number	2484866-1
Sampled Date	Aug 08, 2024 2:40 PM
Sample Description	Wastewater
Contract ID	L7CIE700172560 **Plot** Y.5(**Site** Muntons Ingredients _ThailandGCo.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. _APHA / USEPAG
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD _5 days at 20 Degree CG	mg/L	-	2.0	12.5	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201(, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201(, part 5520 B	Rayong
pH _on siteG <		-	-	(.4	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201(, part 4500 - H _BG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256(: &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484893
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065161-1

Sample Number	2484839-1
Sampled Date	Aug 08, 2024 3:22 PM
Sample Description	Wastewater
Contract ID	L_CIE_012_2557 **Plot** C-2,3,4 **Site** Na(agawa Special Steel)ThailandY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	14.1	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5210 B, part 4500 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY Q		-	-	7.8	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484907
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065288-1

Sample Number	248490_-1
Sampled Date	Aug 09, 2024 3:03 PM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G005G2566 **Plot** Y2 **Site** NAM( ) NO TERMINAL PUBLIC C) MPAN(LIMITED
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	(ellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D x5 days at 20 Degree C&	mg/L	-	2.0	104	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 5210 B, part 4500 -) O	Rayong
) il * Orease	mg/L	-	3	5	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 5520 B	Rayong
pH xon site& k		-	-	_.9	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 4500 - H xB&	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : Oeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

Remarj :
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Analysis / Test Report

TESTING
No.0042

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484915
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065299-1

Sample Number	2484915-1
Sampled Date	Aug 08, 2024 10:10 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2567 **Plot** A.9A, A.10 **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484843
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 30651f 1-1

Sample Number	2484843-1
Sampled Date	Aug 08, 2024 9:55 AM
Sample Description	Wastewater
Contract ID	L7CIE700272560 **Plot** A-8A **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	54.f	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) k		-	-	f .9	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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- < : Lower than LO" (Limit o_" uantitation) / LOR (Limit o_Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484934
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 306512f -1

Sample Number	2484934-1
Sampled Date	Aug 08, 2024 9:36 AM
Sample Description	Wastewater
Contract ID	L7CIE701672550 **Plot** A-4 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.2	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	85	≤f 50	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5220 D	Rayong
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) *		-	-	f .f	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤200	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 2540 D	Rayong

Guideline : Noti ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling v y : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484823
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065129-1

Sample Number	2484823-1
Sampled Date	Aug 08, 2024 9:33 AM
Sample Description	Wastewater
Contract ID	L_CIE_027_2550 **Plot** A-5 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	19.5	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484874
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065241-1

Sample Number	24848_4-1
Sampled Date	Aug 08, 2024 9:24 AM
Sample Description	Wastewater
Contract ID	L7CIE700272553 **Plot** A-6 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	16.5	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) k		-	-	_.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484848
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065194-1

Sample Number	2484848-1
Sampled Date	Aug 09, 2024 8:45 AM
Sample Description	Wastewater
Contract ID	L_CIE_006_2560 **Plot** (-1 **Site** NiGGei MC Aluminium Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	58.6	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201*, part 5210 B, part 4500 - x k	Rayong
x il 7 k rease	mg/L	-	3	j 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201*, part 5520 B	Rayong
pH)on siteO \		-	-	*.5	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201*, part 4500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484842
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065168-1

Sample Number	2484842-1
Sampled Date	Aug 09, 2024 2:12 PM
Sample Description	Wastewater
Contract ID	L_CIE_005_2558 **Plot** A-5/2 **Site** Nual Chavee Engineering Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Orange, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	190	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484913
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065296-1

Sample Number	2484913-1
Sampled Date	Aug 08, 2024 10:05 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2567 **Plot** B.12A **Site** PRISM TELEC(M ASIA LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	*2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY k		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484877
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065248-1

Sample Number	2484877-1
Sampled Date	Aug 08, 2024 4:46 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2563 **Plot** (.59H (-59H **Site** Redflow GThailandY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	51.3	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	7	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH G□n siteY <		-	-	7.5	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484856
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 306521f -1

Sample Number	2484865-1
Sampled Date	Aug 08, 2024 4:52 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2561 **Plot** (-59 I **Site** Red7ow GThailandY Limited.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	124	≤500	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	8	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 5520 B	Rayong
pH G□n siteY <		-	-	8.1	5.5-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 4500 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484895
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065209-1

Sample Number	2484859-1
Sampled Date	Aug 08, 2024 3:21 PM
Sample Description	Wastewater
Contract ID	L7CIE701072556 **Plot** Y-32 **Site** Sail Industry _ThailandGCo.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. _APHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D _5 days at 20 Degree CG	mg/L	-	2.0	32.x	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5210 B, part 4500 -) &	Rayong
) il O &rease	mg/L	-	3	4	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 5520 B	Rayong
pH _on siteG <		-	-	8.1	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 23rd ed., 201x, part 4500 - H _BG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256x : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484914
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 306529f -1

Sample Number	2484914-1
Sampled Date	Aug 08, 2024 3:2f PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_256f **Plot** Z.25, Z.26 **Site** SAIL INDUSTRG YTHAILAND(C) MPANG LIMITED
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Y5 days at 20 Degree C(	mg/L	-	2.0	4.9	≤500	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5210 B, part 4500 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5520 B	Rayong
pH Yon site(*		-	-	f .6	5.5-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4500 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L) D : Limit o7Detection
- "<" : Lower than L) Q YLimit o7Quantitation(/ L) R YLimit o7Reporting(
- AnalyteY5(marked * is/are not included in scope o7Accreditation IS) /IEC 1f 025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484858
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065208-1

Sample Number	2484858-1
Sampled Date	Aug 08, 2024 2:27 PM
Sample Description	Wastewater
Contract ID	L_CIE_032_2550 **Plot**)-33 **Site** SaGura Industry YThailand(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	122	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O <	Rayong
Oil & <rease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(*		-	-	8.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที ว-323-จ-0021

RemarG :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484929
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065227-1

Sample Number	2484929-1
Sampled Date	Aug 08, 2024 9:12 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	7.3	≤500	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	51	≤750	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	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	180	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-204-จ-0002

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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484929
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065227-2

Sample Number	2484929-1
Sampled Date	Aug 08, 2024 9:12 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.002	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.33	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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Analysis / Test Report
TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484929
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065227-3

Sample Number	2484929-1
Sampled Date	Aug 08, 2024 9:12 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	1.27	≤10.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk , Pattarapol Sawangjaitam

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TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484854
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065201-1

Sample Number	2484854-1
Sampled Date	Aug 08, 2024 1:46 PM
Sample Description	Wastewater
Contract ID	L_CIE_018_2557 **Plot** F-15 **Site** SET (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	62.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484853
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065200-1

Sample Number	2484853-1
Sampled Date	Aug 08, 2024 1:35 PM
Sample Description	Wastewater
Contract ID	L_CIE_01G_255G **Plot** F-10 **Site** Shinsei (o)i OThailandY Comporation Limited.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&D O5 days at 20 Degree CY	mg/L	-	2.0	28.8	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 5210 B, part 4500 - & k	Rayong
&il * k rease	mg/L	-	3	6	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 5520 B	Rayong
pH Qon siteY j		-	-	G.5	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201G, part 4500 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar) :
- L&D : Limit of Detection
- KQK : Lower than L&\ QLimit of \ uantitationY / L&R QLimit of ReportingY
- AnalyteQsY mar) ed j is/are not included in scope of Accreditation IS&/IEC 1G025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484829
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065139-1

Sample Number	2484829-1
Sampled Date	Aug 09, 2024 9:20 AM
Sample Description	Wastewater
Contract ID	L_CIE_01G_2550 **Plot** B-3 **Site** Shinwa (ogyo)ThailandOCo.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CO	mg/L	-	2.0	20.2	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201G, part 5210 B, part 4500 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201G, part 5520 B	Rayong
pH)on siteO j		-	-	G.3	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201G, part 4500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484833
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 306514f -1

Sample Number	2484833-1
Sampled Date	Aug 08, 2024 2:26 PM
Sample Description	Wastewater
Contract ID	L7CIE701872550 **Plot** D-13/2 **Site** Siam Steel Mill Services Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.f	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) k		-	-	f .9	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484828
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065138-1

Sample Number	2484828-1
Sampled Date	Aug 08, 2024 10:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE70047255_ **Plot** B-11A **Site** SPF (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	28.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) *		-	-	_.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484832
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065146-1

Sample Number	2484832-1
Sampled Date	Aug 09, 2024 2:54 PM
Sample Description	Wastewater
Contract ID	L_CIE_019_2550 **Plot** D-4 **Site** Taisei Plas 7Thailand(Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 75 days at 20 Degree C(	mg/L	-	2.0	80.8	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Y G	Rayong
Yil x Grease	mg/L	-	3	5	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH 7on site(*		-	-	&.8	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LYD : Limit of Detection
- "<" : Lower than LYQ 7Limit of Quantitation(/ LYR 7Limit of Reporting(
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484840
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065163-1

Sample Number	2484840-1
Sampled Date	Aug 08, 2024 3:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2558 **Plot** M-3 **Site** Tayih Genmos Auto Parts (Thailand) Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD (5 days at 20 Degree C)	mg/L	-	2.0	87.2	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - Y *	Rayong
Yil & *rease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) k		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484927
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065240-1

Sample Number	248492_-1
Sampled Date	Aug 08, 2024 1:53 PM
Sample Description	Wastewater
Contract ID	L7CIE701372560 **Plot** F-13A **Site** Thai daerim Precision Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	113	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	323	≤_50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) *		-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	384	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	63	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484834
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065150-1

Sample Number	2484834-1
Sampled Date	Aug 08, 2024 2:34 PM
Sample Description	Wastewater
Contract ID	L_CIE_007_2558 **Plot** D-12/1A **Site** THAI ESC(RP LTD.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	31.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH)on siteY *		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484913
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065228-1

Sample Number	2484931-1
Sampled Date	Aug 09, 2024 1:49 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2559 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Aug 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, odourless, some solid and no turbid

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	≤500	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	≤750	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	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	220	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang@itam ทะเบียนเลขที่ ว-204-จ-0002

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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484931
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3065228-2

Sample Number	2484931-1
Sampled Date	Aug 09, 2024 1:49 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2559 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Aug 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Lead	mg/L	0.0003	0.0005	0.001	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484851
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065198-1

Sample Number	2484851-1
Sampled Date	Aug 08, 2024 2:12 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2552 **Plot** F-12 **Site** Thai Instant Products Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYD 75 days at 20 Degree C(	mg/L	-	2.0	294	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5210 B, part 4500 - Y G	Rayong
Yil x Grease	mg/L	-	3	*3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 5520 B	Rayong
pH 70n site(k		-	-	6.2	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2018, part 4500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256& : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athompromarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484901
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 9-1

Sample Number	2484901-1
Sampled Date	Aug 08, 2024 3:58 PM
Sample Description	Wastewater
Contract ID	L7CIE701172560 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and a lot o_turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	38.2	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) k		-	-	8.0	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484886
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065259-1

Sample Number	2484886-1
Sampled Date	Aug 08, 2024 10:57 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2564 **Plot** G-62 **Site** Thai Wp Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y5 days at 20 Degree C(	mg/L	-	2.0	50.2	≤500	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	9	≤10	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(<		-	-	8.1	5.5-9.0	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที ว-323-จ-0021

Remar* :
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484909
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065290-1

Sample Number	2484909-1
Sampled Date	Aug 08, 2024 2:30 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700_72566 **Plot**).21 **Site** TGGLS INTERNATIGNAL YTHAILAND(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Y5 days at 20 Degree C(	mg/L	-	2.0	33.1	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 5210 B, part 4500 - G &	Rayong
Gil x &rease	mg/L	-	3	3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Yon site(<		-	-	_.3	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201_, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- Q' Q : Lower than LGk YLimit of k uantitation(/ LGR YLimit of Reporting(
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484918
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 3065301-1

Sample Number	2484918-1
Sampled Date	Aug 08, 2024 11:08 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE170067256_ **Plot**).4,).4A,).4C **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	53.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O <	Rayong
Oil & <rease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Yon site(*		-	-	_.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG :
- LOD : Limit of Detection
- Q' Q : Lower than LOk YLimit of k uantitation(/ LOR YLimit of Reporting(
- AnalyteYs(marGed * is/are not included in scope of Accreditation ISO/IEC 1_025.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484895
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f 2-1

Sample Number	2484895-1
Sampled Date	Aug 08, 2024 10:05 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2565 **Plot**) -64 **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	18.5	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O <	Rayong
Oil & <rease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH Yon site(k		-	-	f.9	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : <eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat SaGuIG ทะเบียนเลขที ว-323-จ-0021

RemarG :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2484837
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065226-1

Sample Number	2484873-1
Sampled Date	Aug 08, 2024 2:59 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2562 **Plot** G.55 F **Site** Turnlife Technology Thailand Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y5 days at 20 Degree C(	mg/L	-	2.0	4.1	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(*		-	-	7.7	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
- LZD : Limit of Detection
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- AnalyteYs(marked * is/are not included in scope of Accreditation ISZ/IEC 17025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484878
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065249-1

Sample Number	2484878-1
Sampled Date	Aug 08, 2024 3:01 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2563 **Plot** (-55D **Site** Ultimate Springs GThailandY Co.,Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	148	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	9	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH GonsiteY <		-	-	6.7	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที ว-323-จ-0021

Remar* :
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- Q Q : Lower than LZk GLimit of k uantitationY / LZR GLimit of ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484849
Date Received : Aug 08, 2024
Date Reported : Aug 15, 2024
Report Number : 3065195-1

Sample Number	2484849-1
Sampled Date	Aug 08, 2024 1:40 PM
Sample Description	Wastewater
Contract ID	L_CIE_023_2550 **Plot** F-9 **Site** Van Leeuwen Pipe and Tube (Thailand) Ltd.
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	57.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที ว-323-จ-0006

Remark :
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P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2484899
Date Received : Aug 08, 2024
Date Reported : Aug 16, 2024
Report Number : 30652f f -1

Sample Number	2484899-1
Sampled Date	Aug 08, 2024 10:34 AM
Sample Description	Wastewater
Contract ID	LVWHA **Plot** B-10C **Site** (-SACHET Co.,Ltd. CIE1V006V2565
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	22.8	≤500	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 5210 B, part 4500 - x G	Rayong
x il 7 Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 5520 B	Rayong
pH)on siteY k		-	-	f .5	5.5-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 4500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- Lx D : Limit o_Detection
- <* < : Lower than Lx ")Limit o_" uantitationY/ Lx R)Limit o_ReportingY
- Analyte)sY marQed k is/are not included in scope o_Accreditation ISx/IEC 1f 025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497702
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093400-1

Sample Number	249f f 02-1
Sampled Date	Sep 10, 2024 10:28 AM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** Z-__G **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd. CIE1700f 72_64
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	6.0	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) *		-	-	f .0	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497703
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093401-1

Sample Number	249f f 03-1
Sampled Date	Sep 10, 2024 10:23 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700872_64 **Plot** Z-__H **Site** AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	8_.8	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	_	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) <		-	-	6.4	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471109
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093415-1

Sample Number	2495510-1
Sampled Date	Sep 10, 2024 9:48 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700472_6_ **Plot** Z-_9B **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (_ days at 20 Degree C)	mg/L	-	2.0	23.0	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _210 B, part 4_00 - G &	Rayong
Gil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part __20 B	Rayong
pH (on site) *		-	-	5.6	_._-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471199
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093418-1

Sample Number	249f f 11-1
Sampled Date	Sep 10, 2024 9:72 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2767 **Plot** Z-79C **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (7 days at 20 Degree C)	mg/L	-	2.0	41.6	≤700	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7210 B, part 4700 - G &	Rayong
Gil x &rease	mg/L	-	3	4	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7720 B	Rayong
pH (on site) <		-	-	f.7	7.7-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4700 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471192
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093419-1

Sample Number	249f f 12-1
Sampled Date	Sep 10, 2024 9:77 AM
Sample Description	Wastewater
Contract ID	L_CIE_00f _2760 **Plot** Z-79D **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAND) LIMITED
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD (7 days at 20 Degree C)	mg/L	-	2.0	101	≤700	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7210 B, part 4700 - G &	Rayong
Gil x &rease	mg/L	-	3	f	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7720 B	Rayong
pH (on site) <		-	-	f.7	7.7-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4700 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
- LGD : Limit o5Detection
- Q' Q : Lower than LGk (Limit o5k uantitation) / LGR (Limit o5Reporting)
- Analyte(s) mar*ed < is/are not included in scope o5Accreditation ISG/IEC 1f 027.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2483738
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093341-1

Sample Number	249f 6f 9-1
Sampled Date	Sep 10, 2024 10:17 AM
Sample Description	Wastewater
Contract ID	L_CIE_008_2778 **Plot** G-77E **Site** Analog City
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y7 days at 20 Degree C(	mg/L	-	2.0	34.9	≤700	Standard Methods 5or the EOamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7210 B, part 4700 - Z &	Rayong
Zil x &rease	mg/L	-	3	7	≤10	Standard Methods 5or the EOamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7720 B	Rayong
pH Yon site(<		-	-	8.1	7.7-9.0	Standard Methods 5or the EOamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4700 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2497640
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 309325f-1

Sample Number	2495640-1
Sampled Date	Sep 09, 2024 1:40 PM
Sample Description	Wastewater
Contract ID	L7CIE700372f f 5 **Plot** B-10B **Site** Anstac (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (f days at 20 Degree C)	mg/L	-	2.0	41.1	≤f00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f210 B, part 4f00 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f20 B	Rayong
pH (on site) *		-	-	6.9	f.f-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f00 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f65 : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00f1

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497658
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093300-1

Sample Number	249f 6_8-1
Sampled Date	Sep 09, 2024 10:3_ AM
Sample Description	Wastewater
Contract ID	L7CIE700972__8 **Plot** A-08C **Site** Asahi Diamond (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	10_	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) *		-	-	6.f	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497722
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093440-1

Sample Number	249f f 22-1
Sampled Date	Sep 09, 2024 11:1_ AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700672_66 **Plot** B11-B **Site** ASMECH TECHN(L( ) Y OTHAILANDx C(MPANY LIMITED
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Q_ days at 20 Degree Cx	mg/L	-	2.0	20.8	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part _210 B, part 4_00 - ( )	Rayong
(il G) rease	mg/L	-	3	9	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part __20 B	Rayong
pH Qon sitex *		-	-	f ._	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4_00 - H QBx	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f :) eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
- L(D : Limit o5Detection
- "<" : Lower than L(Q QLimit o5Quantitationx / L(R QLimit o5Reportingx
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471109
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093398-1

Sample Number 249f f 01-1
Sampled Date Sep 10, 2024 3:__ PM
Sample Description Wastewater
Contract ID L7WHA CIE1700_72_64 **Plot** C-01 **Site** ATEN C(MPUTER PR(DUCT Co.,Ltd.
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property Oellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)_ days at 20 Degree CY	mg/L	-	2.0	38.0	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteY k		-	-	f.f	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

RemarQ:
- L(D : Limit o5Detection
- <* < : Lower than L(")Limit o5" uantitationY/ L(R)Limit o5ReportingY
- Analyte)sYmarQed k is/are not included in scope o5Accreditation IS(/IEC 1f 02_.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2483774
vate Recei5ed : Sep 04, 202D
vate Reported : Sep 11, 202D
Report Number : 309330f-1

Sample Number 2D9f 66D-1
Sampled Date Sep 04, 202D 2:10 PM
Sample Description Wastewater
Contract ID LGCIEG001G2440 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced Sep 04, 202D
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYv (4 days at 20 vegree C)	mg/L	-	2.0	20.0	≤400	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4210 B, part D400 - Y 7	Rayong
Yil & 7rease	mg/L	-	3	4	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4420 B	Rayong
pH (on site) *		-	-	f.6	4.4-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part D400 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/246f : 7eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen khuiyoj sui ทะเบียนเลขที่ ว-323-จ-0004

Remarj :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497749
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093358-1

Sample Number	2495549-1
Sampled Date	Sep 11, 2024 11:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	xellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY D)G days at 20 Degree CO	mg/L	-	2.0	2G.2	≤G00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part G210 B, part 4G00 - Y (	Rayong
CY D	mg/L	1.G	2G	50	≤5G0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part G220 D	Rayong
Color)at Y riginal pHO	ADMI	-	G	59	≤600	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2120 F	Rayong
Color)at pH 5.0O	ADMI	-	G	52	≤600	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2120 F	Rayong
Yil 7 (rease	mg/L	-	3	4	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part GG20 B	Rayong
pH)on siteO *		-	-	8.0	G.G-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4G00 - H)BO	Rayong
Temperature *	Degree C	-	-	30.5	≤4G	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2GG0 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	G	424	≤3000	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2G40 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497749
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093358-1

Sample Number	2495549-1
Sampled Date	Sep 11, 2024 11:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	xellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total \ leldahl Nitrogen as N	mg/L	-	1.0	36.6	≤100	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4GO0-Norg)CQ part NH3)DO	Rayong
Total Suspended Solids Dried at 103-10G degree C	mg/L	-	G	15	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2G40 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Surawit Narapong ทะเบียนเลขที่ค -323-ว-0011

RemarK :
- LY D : Limit of Detection
- "<" : Lower than LY Q)Limit of QuantitationO/ LY R)Limit of ReportingO
- Analyte)sOmarKed * is/are not included in scope of Accreditation ISY/IEC 1502G.
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Analysis / Test Report

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497749
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093358-2

Sample Number	2495549-1
Sampled Date	Sep 11, 2024 11:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2G69 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Vellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	No 7elocity	No Standard	Flow meter	Rayong
Ydour		-	-	Ydour	No Standard	TIS, 2G5-2G49	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong

Remark :
- LYD : Limit of Detection
- "<" : Lower than LYQ)Limit of QuantitationO/ LYR)Limit of ReportingO

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497750
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093359-1

Sample Number	24955_0-1
Sampled Date	Sep 11, 2024 11:04 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2__9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CO	mg/L	-	2.0	*2.0	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part _210 B, part 4_00 - x (	Rayong
Cx D	mg/L	1._	2_	41	≤5_0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part _220 D	Rayong
Color)at x riginal pHO	ADMI	-	_	8	≤600	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2120 F	Rayong
Color)at pH 5.0O	ADMI	-	_	8	≤600	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2120 F	Rayong
x il 7 (rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part __20 B	Rayong
pH)on siteO k		-	-	6.5	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4_00 - H)BO	Rayong
Residual Free Chlorine k	mg/L	-	0.1	*0.1	≤1	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4_00-Cl)FO	Rayong
Temperature k	Degree C	-	-	31.8	≤4_	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2__0 B	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497750
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093359-1

Sample Number	24955_0-1
Sampled Date	Sep 11, 2024 11:04 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2__9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	_	1680	≤3000	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2_40 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.6	≤100	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4_00-Norg)CQ part NH3)DO	Rayong
Total Suspended Solids Dried at 103-10_ degree C	mg/L	-	_	11	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 2_40 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ค -323-ว-0011

RemarQ:
- Lx D : Limit of Detection
- <* < : Lower than Lx ")Limit of " uantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmarQed k is/are not included in scope of Accreditation ISx /IEC 1502_.
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497750
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093359-2

Sample Number	24955f 0-1
Sampled Date	Sep 11, 2024 11:04 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2f f 9 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.015	No Standard	Flow meter	Rayong
Odour		-	-	Odourless	No Standard	TIS, 2f 5-2f 49	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong

Remark :
- LOD : Limit o7Detection
- "<" : Lower than LOQ (Limit o7Quantitation) / LOR (Limit o7Reporting)

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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497744
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093351-1

Sample Number	2495544-1
Sampled Date	Sep 10, 2024 2:40 PM
Sample Description	Wastewater
Contract ID	L7CIE700272___ **Plot** (-68 **Site** BHN GTHAILANDY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ D G_ days at 20 Degree CY	mg/L	-	2.0	<2.0	≤_00	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _210 B, part 4_00 - Z &	Rayong
CZ D	mg/L	1._	2_	<2_	≤5_0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _220 D	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part __20 B	Rayong
pH Gon siteY *		-	-	5.6	_._-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4_00 - H GBY	Rayong
Total Suspended Solids Dried at 103-10_ degree C	mg/L	-	_	11	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 2_40 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483327
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093444-1

Sample Number	249f f 26-1
Sampled Date	Sep 09, 2024 2:30 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2G6f **Plot** Y.9,Y.10,Y.11,Y.12 **Site** BNSS STEEL (R) UP C) MPANO LIMITED
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D xG days at 20 Degree C&	mg/L	-	2.0	G1.3	≤G00	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part G210 B, part 4G00 -) (	Rayong
) il * (rease	mg/L	-	3	9	≤10	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part GG20 B	Rayong
pH xon site& k		-	-	f .8	G.G-9.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part 4G00 - H xB&	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2G6f : (eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayaj un ทะเบียนเลขที่ ว-323-จ-00G1

Remarj :
- L) D : Limit o5Detection
- KQK : Lower than L) \ xLimit o5\ uantitation&/ L) R xLimit o5Reporting&
- Analytexs&marj ed k is/are not included in scope o5Accreditation IS) /IEC 1f 02G.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497735
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093380-1

Sample Number	249f f 3_-1
Sampled Date	Sep 09, 2024 3:00 PM
Sample Description	Wastewater
Contract ID	L7CIE700372__0 **Plot** B-_ **Site** Bonca5e (Thailand) Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	_9.2	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) k		-	-	f.f	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong
Total Suspended Solids Dried at 103-10_ degree C	mg/L	-	_	22	≤200	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 2_40 D	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-00_1

RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483744
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093281-1

Sample Number	249f 644-1
Sampled Date	Sep 09, 2024 2:_0 PM
Sample Description	Wastewater
Contract ID	L7CIE700972__f **Plot** B-04 **Site** Castool Tooling systems
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	10.f	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) *		-	-	f.4	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497750
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093405-1

Sample Number	2495507-1
Sampled Date	Sep 10, 2024 11:23 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_010_2764 **Plot** (.34-(.38 **Site** Celeraise GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, some odour, a lot of solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G7 days at 20 Degree CY	mg/L	-	2.0	<2.0	≤700	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 7210 B, part 4700 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 7720 B	Rayong
pH Gon siteY *		-	-	5.8	7.7-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4700 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497689
v ate Recei5ed : Sep 04, 202D
v ate Reported : Sep 11, 202D
Report Number : 309338D-1

Sample Number	2D9_689-1
Sampled Date	Sep 04, 202D 2:D4 PM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G001G2463 **Plot** v.13/1,v.13/3(A) **Site** Chonburi Clean Energy Co.,Ltd.
Date Analysis Commenced	Sep 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYv (4 days at 20 v egree C)	mg/L	-	2.0	29.8	≤400	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4210 B, part D400 - Y 7	Rayong
Yil & 7rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4420 B	Rayong
pH (on site) k		-	-	_.9	4.4-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part D400 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/246_ : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen j huiyo\sui ทะเบียนเลขที่ ว-323-จ-0004

Remar\ :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483737
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093335-1

Sample Number	2495656-1
Sampled Date	Sep 10, 2024 2:20 PM
Sample Description	Wastewater
Contract ID	L7CIE702872__0 **Plot** (-48 **Site** Coil Tech Steel GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G_ days at 20 Degree CY	mg/L	-	2.0	<2.0	≤_00	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _210 B, part 4_00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part __20 B	Rayong
pH G›n siteY *		-	-	5.8	_._-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4_00 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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- "<" : Lower than LZQ GLimit of QuantitationY / LZR GLimit of ReportingY
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497650
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093288-1

Sample Number	24956_0-1
Sampled Date	Sep 11, 2024 3:0_ PM
Sample Description	Wastewater
Contract ID	L7CIE700472__0 **Plot** E-_ **Site** Daifu(u)ThailandY Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CY	mg/L	-	2.0	101	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part _210 B, part 4_00 - x *	Rayong
x il G *rease	mg/L	-	3	6	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part __20 B	Rayong
pH)on siteY k		-	-	5.5	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 4_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar(:
- Lx D : Limit of Detection
- "<" : Lower than Lx Q)Limit of QuantitationY / Lx R)Limit of ReportingY
- Analyte)sYmar(ed k is/are not included in scope of Accreditation ISx /IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497684
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 309335f -1

Sample Number	249f 684-1
Sampled Date	Sep 10, 2024 2:50 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2562 **Plot** (.6f **Site** DT Wiring Systems GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G5 days at 20 Degree CY	mg/L	-	2.0	1f .4	≤500	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	4	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 5520 B	Rayong
pH GonsiteY <		-	-	f .5	5.5-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4500 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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- Q' Q : Lower than LZk QLimit o7k uantitationY / LZR QLimit o7ReportingY
- AnalyteGY mar*ed < is/are not included in scope o7Accreditation ISZ/IEC 1f 025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497686
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093359-1

Sample Number	2497686-1
Sampled Date	Sep 10, 2024 2:13 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2562 **Plot**).52 **Site** DTS DraeGmaier Automotive Systems YThailand(Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	159	≤500	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - O &	Rayong
Oil x &rease	mg/L	-	3	8	≤10	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(<		-	-	8.2	5.5-9.0	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- Q' Q : Lower than LOk YLimit of k uantitation(/ LOR YLimit of Reporting(
- AnalyteYS(mar*ed < is/are not included in scope of Accreditation ISO/IEC 17025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497634
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093250-1

Sample Number	249_634-1
Sampled Date	Sep 09, 2024 10:00 AM
Sample Description	Wastewater
Contract ID	L7CIE700572550 **Plot** A-1 **Site** Dusholu( )SiamY Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	10.1	≤500	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - x G	Rayong
x il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY k		-	-	_.6	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-0051

RemarQ:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483788
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093396-1

Sample Number	249f 699-1
Sampled Date	Sep 09, 2024 2:2_ PM
Sample Description	Wastewater
Contract ID	LXWHA CIE1X002X2_64 **Plot** B6-A **Site** ENR(Limited
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CY	mg/L	-	2.0	28.4	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part _210 B, part 4_00 - x G	Rayong
x il 7 Grease	mg/L	-	3	4	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteY *		-	-	f .3	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 4_00 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497635
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 309325f -1

Sample Number	249f 635-1
Sampled Date	Sep 09, 2024 10:10 AM
Sample Description	Wastewater
Contract ID	L7CIE70017255f **Plot** A-2 **Site** Feltol Manu_acturing Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	46.5	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 5520 B	Rayong
pH (on site) *		-	-	f .3	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-0051

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471197
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093435-1

Sample Number	2495519-1
Sampled Date	Sep 10, 2024 9:37 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2766 **Plot**)-79E **Site** FES G RAYS(AR ELECTR(NICS Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Z7 days at 20 Degree CO	mg/L	-	2.0	77.7	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7210 B, part 4700 - (&	Rayong
(il G &rease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7720 B	Rayong
pH Zon siteO <		-	-	5.3	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 4700 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- AnalyteZsOmar*ed < is/are not included in scope of Accreditation IS(/IEC 15027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497683
Date Received : Sep 10, 2024
Date Reported : Sep 15, 2024
Report Number : 30933f 4-1

Sample Number	2495683-1
Sampled Date	Sep 10, 2024 9:40 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2f 62 **Plot** (.f 9F **Site** FES International GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Gf days at 20 Degree CY	mg/L	-	2.0	<2.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Gon siteY *		-	-	5.2	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H GBY	Rayong

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

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2489907
Date Received : Sep 10, 2024
Date Reported : Sep 15, 2024
Report Number : 3093414-1

Sample Number	2495508-1
Sampled Date	Sep 10, 2024 10:02 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700272_6_ **Plot** G-_9Y **Site** FES International Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Zellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	_9.5	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _210 B, part 4_00 - O Y	Rayong
Oil & Yrease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part __20 B	Rayong
pH (on site) <		-	-	5.4	_.-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497760
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093409-1

Sample Number	249f f 06-1
Sampled Date	Sep 10, 2024 3:00 PM
Sample Description	Wastewater
Contract ID	L7CIE701072__8 **Plot** (-66 **Site** FiniGG Ylobal Industry Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAZ
Physical Property	Oellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CZ	mg/L	-	2.0	1_.0	≤_00	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part _210 B, part 4_00 - x Y	Rayong
x il & Yrease	mg/L	-	3	<3	≤10	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part __20 B	Rayong
pH)on siteZ *		-	-	f .4	_._-9.0	Standard Methods 5or the EGamination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4_00 - H)BZ	Rayong

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

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497659
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093301-1

Sample Number	249f 6_9-1
Sampled Date	Sep 09, 2024 3:11 PM
Sample Description	Wastewater
Contract ID	L7CIE701172__8 **Plot** B-6 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Location	บริษัท ควอชาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y_ days at 20 Degree CO	mg/L	-	2.0	68.3	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part _210 B, part 4_00 - (G	Rayong
(il & Grease	mg/L	-	3	f	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part __20 B	Rayong
pH Yon siteO *		-	-	f .6	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4_00 - H YBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
- L(D : Limit o5Detection
- "<" : Lower than L(Q YLimit o5QuantitationO/ L(R YLimit o5ReportingO
- Analyte)sOmarked * is/are not included in scope o5Accreditation IS(/IEC 1f 02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497725
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093443-1

Sample Number	249552_-1
Sampled Date	Sep 11, 2024 11:42 AM
Sample Description	Wastewater
Contract ID	L7CIE701372__8 **Plot** D-5 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y_ days at 20 Degree CO	mg/L	-	2.0	15.3	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _210 B, part 4_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part __20 B	Rayong
pH Yon siteO k		-	-	5.5	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4_00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

RemarQ:
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483783
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093394-1

Sample Number	2495695-1
Sampled Date	Sep 11, 2024 11:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_014_2778 **Plot** D-8 **Site** FRASERS PR(PERT) YTHAILANDOPUBLIC C(MPAN) LIMITED
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Y7 days at 20 Degree CO	mg/L	-	2.0	17.4	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - (G	Rayong
(il & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH Yon siteO *		-	-	5.8	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471138
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093432-1

Sample Number	249f f 16-1
Sampled Date	Sep 09, 2024 3:2_ PM
Sample Description	Wastewater
Contract ID	L7CIE701172__f **Plot** D-1 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Q_ days at 20 Degree Cx	mg/L	-	2.0	13.6	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f , part _210 B, part 4_00 - (G	Rayong
(il Y Grease	mg/L	-	3	* 3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f , part __20 B	Rayong
pH Q0n sitex k		-	-	f .f	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 201f , part 4_00 - H Q8x	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQ.n ทะเบียนเลขที ว-323-จ-00_1

RemarQ:
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- <* < : Lower than L(" QLimit o5" uantitationx / L(R QLimit o5Reportingx
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P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497652
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093290-1

Sample Number	24956_2-1
Sampled Date	Sep 11, 2024 3:4_ PM
Sample Description	Wastewater
Contract ID	L7CIE701072__5 **Plot** D-2 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Q_ days at 20 Degree Cx	mg/L	-	2.0	51._	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part _210 B, part 4_00 - (G	Rayong
(il Y Grease	mg/L	-	3	8	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part __20 B	Rayong
pH Q0n sitex *		-	-	5.9	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part 4_00 - H Q8x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที ว-323-จ-0011

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497655
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093294-1

Sample Number	24956__-1
Sampled Date	Sep 11, 2024 11:_3 AM
Sample Description	Wastewater
Contract ID	L7CIE700472__8 **Plot** D-6 **Site** FRASERS PR(PERT) THAILAND INDUSTRIAL FREEH(LD Y LEASEH(LD REIT
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D Q_ days at 20 Degree Cx	mg/L	-	2.0	51.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part _210 B, part 4_00 - (G	Rayong
(il Y Grease	mg/L	-	3	_	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part __20 B	Rayong
pH Obn sitex *		-	-	5.9	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 23rd ed., 2015, part 4_00 - H OBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497670
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093315-1

Sample Number	2495650-1
Sampled Date	Sep 10, 2024 11:46 AM
Sample Description	Wastewater
Contract ID	L7CIE700572__6 **Plot**)-13 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z_ days at 20 Degree CO	mg/L	-	2.0	11.8	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part _210 B, part 4_00 - G &	Rayong
Gil (&rease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part __20 B	Rayong
pH Zbn siteO <		-	-	5.9	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 2015, part 4_00 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- Q' Q : Lower than LGk ZLimit of k uantitationO/ LGR ZLimit of ReportingO
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471318
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093319-1

Sample Number	249f 6f 1-1
Sampled Date	Sep 10, 2024 11:41 AM
Sample Description	Wastewater
Contract ID	L7CIE700872__6 **Plot**)-14 **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, a lot o5solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z_ days at 20 Degree CO	mg/L	-	2.0	<2.0	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part _210 B, part 4_00 - G &	Rayong
Gil (&rease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part __20 B	Rayong
pH Zon siteO *		-	-	f.3	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part 4_00 - H ZBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483732
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093333-1

Sample Number	249f 6f 2-1
Sampled Date	Sep 10, 2024 10:37 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2776 **Plot**)-16-1f **Site** FRASERS PRGPERTY THAILAND INDUSTRIAL FREEHGLD (LEASEHGLD REIT
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z7 days at 20 Degree CO	mg/L	-	2.0	<2.0	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part 7210 B, part 4700 - G &	Rayong
Gil (&rease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part 7720 B	Rayong
pH Zon siteO *		-	-	f.8	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA (WEF, 23rd ed., 201f, part 4700 - H ZBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Analysis / Test Report

TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483784
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093389-1

Sample Number	249f 694-1
Sampled Date	Sep 09, 2024 3:16 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_011_2763 **Plot** B-f **Site** (lory Winner)ThailandY Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)7 days at 20 Degree CY	mg/L	-	2.0	42.9	≤700	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 7210 B, part 4700 - x (	Rayong
x il G (rease	mg/L	-	3	*3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 7720 B	Rayong
pH)on siteY k		-	-	8.3	7.7-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4700 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : (eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-0071

RemarQ:
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- <* < : Lower than Lx ")Limit o5" uantitationY/ Lx R)Limit o5ReportingY
- Analyte)sYmarQed k is/are not included in scope o5Accreditation ISx/IEC 1f027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497651
Date Received : Sep 12, 2024
Date Reported : Sep 18, 2024
Report Number : 3093289-1

Sample Number	249f 6_1-1
Sampled Date	Sep 12, 2024 11:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE700972__0 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	) 5ice
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Y_ days at 20 Degree CO	mg/L	-	2.0	63.6	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part _210 B, part 4_00 -) (	Rayong
) il G (rease	mg/L	-	3	*3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon siteO k		-	-	f.9	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4_00 - H YBO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : (eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-00_1

RemarQ:
- L) D : Limit o5Detection
- <* < : Lower than L) " YLimit o5" uantitationO/ L) R YLimit o5ReportingO
- AnalyteYsOmarQed k is/are not included in scope o5Accreditation IS) /IEC 1f02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497693
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093388-1

Sample Number	249f 693-1
Sampled Date	Sep 09, 2024 9:2_ AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G010G2_63 **Plot** BC **Site** Hardware (ing Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CO	mg/L	-	2.0	k 2.0	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part _210 B, part 4_00 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteO j		-	-	f .4	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 4_00 - H)BO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya\un ทะเบียนเลขที ว-323-จ-00_1

Remar\ :
- Lx D : Limit o5Detection
- Q: Q : Lower than Lx K)Limit o5K uantitationO/ Lx R)Limit o5ReportingO
- Analyte)sOmar\ed j is/are not included in scope o5Accreditation ISx/IEC 1f 02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497698
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093395-1

Sample Number	249_698-1
Sampled Date	Sep 09, 2024 2:00 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700172564 **Plot** B-8 **Site** HI-Plus Import-E(port Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)5 days at 20 Degree CY	mg/L	-	2.0	12.8	≤500	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - x G	Rayong
x il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY k		-	-	_.2	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที ว-323-จ-0051

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497747
Date Received : Sep 12, 2024
Date Reported : Sep 18, 2024
Report Number : 309335f -1

Sample Number	2495545-1
Sampled Date	Sep 12, 2024 10:4f AM
Sample Description	Wastewater
Contract ID	L7CIE701172f f 0 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. 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							
BOD (f days at 20 Degree C)	mg/L	-	2.0	11.2	≤f 00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH (on site) k		-	-	5.6	f .f -9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	f	1410	≤3000	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2f 40 C	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 65 : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun NamaQınna ทะเบียนเลขที่ ว-204-จ-0101

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TESTING
No.0009

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497747
Date Received : Sep 12, 2024
Date Reported : Sep 18, 2024
Report Number : 3093375-2

Sample Number	2497747-1
Sampled Date	Sep 12, 2024 10:45 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. 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
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.08	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483787
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093393-1

Sample Number	249f 696-1
Sampled Date	Sep 10, 2024 3:26 PM
Sample Description	Wastewater
Contract ID	L7WHA **Plot**)-63 **Site** ImanaGa YThailand(Co.,Ltd.
	CIE1701672_63
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y_ days at 20 Degree C(	mg/L	-	2.0	10_	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O <	Rayong
Oil & <rease	mg/L	-	3	3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon site(*		-	-	f.4	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : <eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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- Q' Q : Lower than LOk YLimit o5k uantitation(/ LOR YLimit o5Reporting(
- AnalyteYs(marGed * is/are not included in scope o5Accreditation ISO/IEC 1f02_.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2473349
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093350-1

Sample Number	2495543-1
Sampled Date	Sep 11, 2024 3:36 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2778 **Plot** M-2 **Site** Insee Ecocycle Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	76.8	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
COD	mg/L	1.7	27	225	≤570	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7220 D	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) *		-	-	5.6	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong
Total Suspended Solids Dried at 103-107 degree C	mg/L	-	7	38	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 2740 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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TESTING
No.0042

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2471338
4ate ReceiDed : Sep 09, 202J
4ate Reported : Sep 16, 202J
Report Number : 309330J-1

Sample Number	2J95661-1
Sampled Date	Sep 09, 202J 2:26 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 012f 2760 **Plot** B-6E **Site** _ungheinrich Liv Truc(Co.,Ltd.
Date Analysis Commenced	Sep 09, 202J
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserDation standards.)APHA / USEPAY
Physical Property	Oellow, a lot ovodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)7 days at 20 4egree CY	mg/L	-	2.0	30.8	≤700	Standard Methods vor the E8amination ov Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7210 B, part J700 - x *	Rayong
x il G *rease	mg/L	-	3	6	≤10	Standard Methods vor the E8amination ov Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7720 B	Rayong
pH)on siteY k		-	-	5.J	7.7-9.0	Standard Methods vor the E8amination ov Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part J700 - H)BY	Rayong

Guideline : Notivcation ov the Industrial Estate Authority ov Thailand No.029/2765 : *eneral Standards vor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya(un ทะเบียนเลขที่ ว-323-จ-0071

Remar(:
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- "<" : Lower than Lx Q)Limit ov QuantitationY / Lx R)Limit ov ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2473394
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093355-1

Sample Number	249f f 34-1
Sampled Date	Sep 10, 2024 11:15 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2561 **Plot** Z.18 **Site** KIMSONG ARTIWOOD Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	65.0	≤500	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5210 B, part 4500 - O G	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater analysis manual, Environmental Engineering Association o7Thailand, 4th ed.,2004	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 5520 B	Rayong
pH (on site) *		-	-	f .8	5.5-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4500 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497678
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093339-1

Sample Number	2497678-1
Sampled Date	Sep 10, 2024 9:28 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 016f 2__7 **Plot** Z-_9A **Site** Kintetsu Logistics CThailandGCo.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAG
Physical Property	(ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Q_ days at 20 Degree CG	mg/L	-	2.0	23.4	≤_00	Standard Methods 5or the EYamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part _210 B, part 4_00 -) &	Rayong
) il x &rease	mg/L	-	3	6	≤10	Standard Methods 5or the EYamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part __20 B	Rayong
pH Q0n siteG <		-	-	7.4	_._-9.0	Standard Methods 5or the EYamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4_00 - H QBG	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_67 : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- Q Q : Lower than L) k QLimit o5k uantitationG/ L) R QLimit o5ReportingG
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TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471348
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093255-1

Sample Number	2495641-1
Sampled Date	Sep 09, 2024 11:13 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2GG6 **Plot** B-11C **Site** (uriyama)ThailandOCo.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)G days at 20 Degree CO	mg/L	-	2.0	29.0	≤G00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part G210 B, part 4G00 - x *	Rayong
x il 7 *rease	mg/L	-	3	9	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part GG20 B	Rayong
pH)on siteO k		-	-	5.3	G.G-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4G00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayaj un ทะเบียนเลขที่ ว-323-จ-00G1

Remarj :
- Lx D : Limit of Detection
- KQK : Lower than Lx \ )Limit of \ uantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmarj ed k is/are not included in scope of Accreditation ISx /IEC 1502G.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497745
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093352-1

Sample Number	249554f -1
Sampled Date	Sep 11, 2024 2:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_020_2f f 0 **Plot** Z-3 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Of days at 20 Degree CG	mg/L	-	2.0	12.3	≤f 00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Qon siteG *		-	-	5.8	f .f -9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H OBG	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	f	468	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 2f 40 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
- L) D : Limit o7Detection
- "<" : Lower than L) Q QLimit o7QuantitationG/ L) R QLimit o7ReportingG
- AnalyteOGmarked * is/are not included in scope o7Accreditation IS) /IEC 1502f .
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497745
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093372-2

Sample Number	2497745-1
Sampled Date	Sep 11, 2024 2:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.13	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Nickel	mg/L	0.0003	0.0005	0.002	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483347
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093353-1

Sample Number	2495546-1
Sampled Date	Sep 11, 2024 2:3f PM
Sample Description	Wastewater
Contract ID	L_CIE_021_2f f 0 **Plot** Z-6 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Of days at 20 Degree CG	mg/L	-	2.0	18.4	≤f 00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f 210 B, part 4f 00 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Qon siteG *		-	-	5.8	f .f -9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4f 00 - H OBG	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	f	306	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 2f 40 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497746
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093373-2

Sample Number	2497746-1
Sampled Date	Sep 11, 2024 2:35 PM
Sample Description	Wastewater
Contract ID	L_CIE_021_2550 **Plot** Z-6 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.22	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Nickel	mg/L	0.0003	0.0005	0.0008	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497660
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093302-1

Sample Number	249f 660-1
Sampled Date	Sep 09, 2024 2:20 PM
Sample Description	Wastewater
Contract ID	L_CIE_013_2GGf **Plot** B-6B **Site** (yowa SS)ThailandOCo.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)G days at 20 Degree CO	mg/L	-	2.0	18.f	≤G00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part G210 B, part 4G00 - x *	Rayong
x il 7 *rease	mg/L	-	3	4	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part GG20 B	Rayong
pH)on siteO k		-	-	f .3	G.G-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 4G00 - H)BO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2G6f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayaj un ทะเบียนเลขที่ ว-323-จ-00G1

Remarj :
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- KQK : Lower than Lx \ )Limit o5\ uantitationO/ Lx R)Limit o5ReportingO
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497639
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093254-1

Sample Number	2495639-1
Sampled Date	Sep 11, 2024 4:13 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2774 **Plot** A-7/1 **Site** Laem Chabang Tan(Services Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)7 days at 20 Degree CY	mg/L	-	2.0	12.7	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7210 B, part 4700 - x *	Rayong
x il G *rease	mg/L	-	3	3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 7720 B	Rayong
pH)on siteY k		-	-	6.9	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 4700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar(:
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- "<" : Lower than Lx Q)Limit of QuantitationY/ Lx R)Limit of ReportingY
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No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497703
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093448-1

Sample Number	249f f 30-1
Sampled Date	Sep 09, 2024 11:00 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_276f **Plot** B.12C **Site** MARU (lobal Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)7 days at 20 Degree CY	mg/L	-	2.0	48.3	≤700	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 7210 B, part 4700 - x (	Rayong
x il G (rease	mg/L	-	3	6	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 7720 B	Rayong
pH)on siteY *		-	-	f .1	7.7-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4700 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : (eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-0071

Remark :
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TESTING
No.0042

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497682
Date Received : Sep 12, 2024
Date Reported : Sep 18, 2024
Report Number : 3093344-1

Sample Number	249f 682-1
Sampled Date	Sep 12, 2024 10:2_ AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700172_62 **Plot** B.12D **Site** MARU (lobal Co.,Ltd.
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CY	mg/L	-	2.0	61.2	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part _210 B, part 4_00 - x (	Rayong
x il G (rease	mg/L	-	3	3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteY *		-	-	f .f	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 201f, part 4_00 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : (eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
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- "<" : Lower than Lx Q)Limit o5QuantitationY/ Lx R)Limit o5ReportingY
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471191
Date Received : Sep 05, 2024
Date Reported : Sep 11, 2024
Report Number : 3093433-1

Sample Number	2497717-1
Sampled Date	Sep 05, 2024 1:50 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2566 **Plot** F-14 **Site** MAX METAL INTERNATIONAL COMPANY LIMITED
Date Analysis Commenced	Sep 05, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	46.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497681
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093343-1

Sample Number	249f 681-1
Sampled Date	Sep 10, 2024 1:7f PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2760 **Plot** (.7f **Site** Muntons Ingredients GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G7 days at 20 Degree CY	mg/L	-	2.0	4f .2	≤700	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 7210 B, part 4700 - Z &	Rayong
Z il x &rease	mg/L	-	3	6	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 7720 B	Rayong
pH G0n siteY <		-	-	f .0	7.7-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f , part 4700 - H GBY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
- LZD : Limit o5Detection
- Q Q : Lower than LZk GLimit o5k uantitationY / LZR GLimit o5ReportingY
- AnalyteGSYmar*ed < is/are not included in scope o5Accreditation ISZ/IEC 1f 027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497635
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093292-1

Sample Number	24956_3-1
Sampled Date	Sep 11, 2024 3:_5 PM
Sample Description	Wastewater
Contract ID	L7CIE701272__5 **Plot** C-2,3,4 **Site** Na(agawa Special Steel)ThailandY Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CY	mg/L	-	2.0	9.0	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part _210 B, part 4_00 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part __20 B	Rayong
pH)on siteY Q		-	-	5.8	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 23rd ed., 2015, part 4_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar(:
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- ⊀ < : Lower than Lx ")Limit of " uantitationY/ Lx R)Limit of ReportingY
- Analyte)sY mar(ed Q is/are not included in scope of Accreditation ISx /IEC 1502_.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471129
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093439-1

Sample Number	249f f 21-1
Sampled Date	Sep 09, 2024 3:3_ PM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G00_G2_66 **Plot** Y2 **Site** NAM( ) NO TERMINAL PUBLIC C) MPAN(LIMITED
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	(ellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D x_ days at 20 Degree C&	mg/L	-	2.0	98.6	≤_00	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part _210 B, part 4_00 -) O	Rayong
) il * Orease	mg/L	-	3	k 3	≤10	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part __20 B	Rayong
pH xon site& j		-	-	f .9	_._-9.0	Standard Methods 5or the E7amination o5Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201f, part 4_00 - H xB&	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : Oeneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya\un ทะเบียนเลขที่ ว-323-จ-00_1

Remar\ :
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- Q‹Q : Lower than L) K xLimit o5Kuantitation&/ L) R xLimit o5Reporting&
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497729
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093445-1

Sample Number	2495529-1
Sampled Date	Sep 09, 2024 10:40 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2765 **Plot** A.9A, A.10 **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	18.5	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	* 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) k		-	-	5.4	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-0071

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497657
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093298-1

Sample Number	249f 6_f -1
Sampled Date	Sep 09, 2024 10:4_ AM
Sample Description	Wastewater
Contract ID	L7CIE700272_60 **Plot** A-8A **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	42.6	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part __20 B	Rayong
pH (on site) *		-	-	f ._	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f , part 4_00 - H (B)	Rayong

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Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497707
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093411-1

Sample Number	249f f 0f -1
Sampled Date	Sep 09, 2024 11:30 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2767 **Plot** B-11D **Site** Nichiyu Asia (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	f 6.4	≤700	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 7720 B	Rayong
pH (on site) *		-	-	f .f	7.7-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4700 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-0071

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497637
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093250-1

Sample Number	2495635-1
Sampled Date	Sep 09, 2024 10:20 AM
Sample Description	Wastewater
Contract ID	L_CIE_025_2770 **Plot** A-7 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and 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							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	11.3	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) k		-	-	5.8	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-0071

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497688
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093383-1

Sample Number	249f 688-1
Sampled Date	Sep 09, 2024 10:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE700272__3 **Plot** A-6 **Site** NIDEC Die-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	14.9	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH (on site) k		-	-	f.f	_.-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-00_1

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483772
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093305-1

Sample Number	249_662-1
Sampled Date	Sep 09, 2024 9:50 AM
Sample Description	Wastewater
Contract ID	LGCIEG006G2560 **Plot**)-1 **Site** Ni((ei MC Aluminium Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&D O5 days at 20 Degree CY	mg/L	-	2.0	42.3	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 5210 B, part 4500 - & k	Rayong
&il * k rease	mg/L	-	3	4	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 5520 B	Rayong
pH Qon siteY j		-	-	_.5	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 4500 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya(un ทะเบียนเลขที่ ว-323-จ-0051

Remar(:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497656
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093295-1

Sample Number 249_656-1
Sampled Date Sep 10, 2024 4:00 PM
Sample Description Wastewater
Contract ID L7CIE700572558 **Plot** A-5/2 **Site** Nual Chavee Engineering Co.,Ltd.
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	89._	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH (on site) *		-	-	_._	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497727
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093445-1

Sample Number 249__2_-1
Sampled Date Sep 09, 2024 10:55 AM
Sample Description Wastewater
Contract ID L7WHA CIE170027256_ **Plot** B.12A **Site** PRISM TELEC(M ASIA LIMITED
Date Analysis Commenced Sep 09, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(D)5 days at 20 Degree CY	mg/L	-	2.0	*2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5210 B, part 4500 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 5520 B	Rayong
pH)on siteY k		-	-	_.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet SattayaQun ทะเบียนเลขที่ ว-323-จ-0051

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2471378
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093386-1

Sample Number	249f691-1
Sampled Date	Sep 10, 2024 9:78 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_004_2763 **Plot** (.79H (-79H **Site** Red5ow GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G7 days at 20 Degree CY	mg/L	-	2.0	70.8	≤700	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7210 B, part 4700 - Z &	Rayong
Zil x &rease	mg/L	-	3	6	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7720 B	Rayong
pH G5n siteY <		-	-	8.0	7.7-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4700 - H GBY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2497680
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093342-1

Sample Number	249f680-1
Sampled Date	Sep 10, 2024 10:07 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2761 **Plot** (-79 I **Site** Red5ow GThailandY Limited.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G7 days at 20 Degree CY	mg/L	-	2.0	117	≤700	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7210 B, part 4700 - Z &	Rayong
Zil x &rease	mg/L	-	3	9	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 7720 B	Rayong
pH G5n siteY <		-	-	f.3	7.7-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4700 - H GBY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2483734
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093335-1

Sample Number	2497674-1
Sampled Date	Sep 10, 2024 10:48 AM
Sample Description	Wastewater
Contract ID	L_CIE_010_2556 **Plot** (-32 **Site** Sail Industry GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ D G5 days at 20 Degree CY	mg/L	-	2.0	23.3	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5210 B, part 4500 - Z &	Rayong
Zil x &rease	mg/L	-	3	8	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Gon siteY <		-	-	7.0	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2017, part 4500 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- Q Q : Lower than LZk GLimit of k uantitationY / LZR GLimit of ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2489927
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093446-1

Sample Number	249f f 28-1
Sampled Date	Sep 10, 2024 10:41 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700372_6f **Plot** Z.2_, Z.26 **Site** SAIL INDUSTRG YTHAILAND(C) MPANG LIMITED
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot o5 odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) D Y_ days at 20 Degree C(	mg/L	-	2.0	28.1	≤_00	Standard Methods 5or the EOamination o5 Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part _210 B, part 4_00 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods 5or the EOamination o5 Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon site(*		-	-	f .9	_._-9.0	Standard Methods 5or the EOamination o5 Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4_00 - H YB(	Rayong

Guideline : Noti5cation o5 the Industrial Estate Authority o5 Thailand No.029/2_6f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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- "<" : Lower than L) Q YLimit o5 Quantitation(/ L) R YLimit o5 Reporting(
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497673
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093334-1

Sample Number	249f 6f 3-1
Sampled Date	Sep 10, 2024 11:02 AM
Sample Description	Wastewater
Contract ID	L7CIE703272__0 **Plot**) -33 **Site** SaGura Industry YThailand(Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y_ days at 20 Degree C(	mg/L	-	2.0	130	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part _210 B, part 4_00 - O <	Rayong
Oil & <rease	mg/L	-	3	10	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon site(*		-	-	8.2	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201f, part 4_00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : <eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2489937
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093368-1

Sample Number	2497738-1
Sampled Date	Sep 11, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2___ **Plot** C-_,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	60.9	≤_00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part _210 B, part 4_00 - O G	Rayong
COD	mg/L	1._	2_	163	≤7_0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part _220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part __20 B	Rayong
pH (on site) *		-	-	8.0	_._-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4_00 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	_	348	≤3000	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2_40 C	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_67 : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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Analysis / Test Report

TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497738
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093368-2

Sample Number	2497738-1
Sampled Date	Sep 11, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.003	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.16	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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TESTING
No.0009

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 2497738
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093368-3

Sample Number	2497738-1
Sampled Date	Sep 11, 2024 11:10 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.30	≤10.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong , Thanasoun Namakunna

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483778
v ate Recei5ed : Sep 04, 202D
v ate Reported : Sep 11, 202D
Report Number : 309331D-1

Sample Number	2D9_669-1
Sampled Date	Sep 04, 202D 1:D0 PM
Sample Description	Wastewater
Contract ID	LGCIEG018G244_ **Plot** F-14 **Site** SET (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYv (4 days at 20 vegree C)	mg/L	-	2.0	40.4	≤400	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4210 B, part D400 - Y 7	Rayong
Yil & 7rease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4420 B	Rayong
pH (on site) *		-	-	_._	4.4-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part D400 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/246_ : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen khuiyoj sui ทะเบียนเลขที ว-323-จ-0004

Remarj :
- LYv : Limit of v etection
- KQK : Lower than LY\ (Limit of \ uantitation) / LYR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497668
v ate Recei5ed : Sep 04, 202D
v ate Reported : Sep 11, 202D
Report Number : 3093311-1

Sample Number	2D9_668-1
Sampled Date	Sep 04, 202D 2:26 PM
Sample Description	Wastewater
Contract ID	LGCIEG01_G244_ **Plot** F-10 **Site** Shinsei (o)i CThailandY Comporation Limited.
Date Analysis Commenced	Sep 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. OAPHA / USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&v O4 days at 20 vegree CY	mg/L	-	2.0	14.8	≤400	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 4210 B, part D400 - & k	Rayong
&il * krease	mg/L	-	3	j 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part 4420 B	Rayong
pH Qon siteY \		-	-	_.9	4.4-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 23rd ed., 201_, part D400 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/246_ : keneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen (huiyo) sui ทะเบียนเลขที ว-323-จ-0004

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497643
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093280-1

Sample Number	249f 643-1
Sampled Date	Sep 09, 2024 2:4_ PM
Sample Description	Wastewater
Contract ID	LGCIEG01f G2__0 **Plot** B-3 **Site** Shinwa (ogyo)ThailandOCo.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CO	mg/L	-	2.0	k 2.0	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part _210 B, part 4_00 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part __20 B	Rayong
pH)on siteO j		-	-	f .4	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f , part 4_00 - H)BO	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattaya\un ทะเบียนเลขที่ ว-323-จ-00_1

Remar\ :
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483743
v ate Recei5ed : Sep 04, 202D
v ate Reported : Sep 11, 202D
Report Number : 3093284-1

Sample Number	2D9_6D_-1
Sampled Date	Sep 04, 202D 2:34 PM
Sample Description	Wastewater
Contract ID	LGCIEG018G2440 **Plot** v -13/2 **Site** Siam Steel Mill Ser5ices Ltd.
Date Analysis Commenced	Sep 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v (4 days at 20 v egree C)	mg/L	-	2.0	9.6	≤400	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4210 B, part D400 - Y 7	Rayong
Y il & 7 rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4420 B	Rayong
pH (on site) k		-	-	8.0	4.4-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part D400 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/246_ : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen j huiyo\sui ทะเบียนเลขที่ ว-323-จ-0004

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483742
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093258-1

Sample Number	2495642-1
Sampled Date	Sep 09, 2024 11:0_ AM
Sample Description	Wastewater
Contract ID	L7CIE700472__5 **Plot** B-11A **Site** SPF (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	19.2	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part __20 B	Rayong
pH (on site) *		-	-	5.4	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00_1

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483747
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093284-1

Sample Number	2495646-1
Sampled Date	Sep 11, 2024 3:21 PM
Sample Description	Wastewater
Contract ID	L_CIE_019_2770 **Plot** D-4 **Site** Taisei Plas (Thailand) Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (7 days at 20 Degree C)	mg/L	-	2.0	47.6	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7210 B, part 4700 - O G	Rayong
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 7720 B	Rayong
pH (on site) *		-	-	5.9	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497654
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093293-1

Sample Number	24956_4-1
Sampled Date	Sep 11, 2024 3:40 PM
Sample Description	Wastewater
Contract ID	LGCIEG003G2__8 **Plot** M-3 **Site** Tayih (enmos Auto Parts)ThailandOCo.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CO	mg/L	-	2.0	8_.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part _210 B, part 4_00 - x *	Rayong
x il 7 *rease	mg/L	-	3	_	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part __20 B	Rayong
pH)on siteO k		-	-	5.2	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4_00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remarj :
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- KQK : Lower than Lx \ )Limit of \ uantitationO/ Lx R)Limit of ReportingO
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497648
v ate Recei5ed : Sep 04, 202D
v ate Reported : Sep 11, 202D
Report Number : 3093286-1

Sample Number	2D9_6D8-1
Sampled Date	Sep 04, 202D 3:04 PM
Sample Description	Wastewater
Contract ID	LGCIEG00_G2448 **Plot** v-12/1A **Site** THAI ESC(RP LTv .
Date Analysis Commenced	Sep 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v)4 days at 20 v egree CO	mg/L	-	2.0	109	≤400	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4210 B, part D400 - (7	Rayong
(il & 7rease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part 4420 B	Rayong
pH)on siteO *		-	-	_._	4.4-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 201_, part D400 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/246_ : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen khuiyoj sui ทะเบียนเลขที่ ว-323-จ-0004

Remarj :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2473397
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093369-1

Sample Number	249f f 39-1
Sampled Date	Sep 11, 2024 1:3_ PM
Sample Description	Wastewater
Contract ID	L(CIE(001(2__9 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)_ days at 20 Degree CO	mg/L	-	2.0	<2.0	≤_00	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part _210 B, part 4_00 - x G	Rayong
Cx D	mg/L	1._	2_	<2_	≤f _0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part _220 D	Rayong
x il 7 Grease	mg/L	-	3	<3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part __20 B	Rayong
pH)on siteO *		-	-	f .f	_._-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 4_00 - H)BO	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	_	1_8	≤3000	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 2_40 C	Rayong
Total Suspended Solids Dried at 103-10_ degree C	mg/L	-	_	<_	≤200	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 201f, part 2_40 D	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

Remark :
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TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497739
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3093369-2

Sample Number	2497739-1
Sampled Date	Sep 11, 2024 1:35 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2559 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Lead	mg/L	0.0003	0.0005	0.003	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497720
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093438-1

Sample Number	2495520-1
Sampled Date	Sep 11, 2024 2:15 PM
Sample Description	Wastewater
Contract ID	L7WHA **Plot**)-60,)61,)61B **Site** THAI GUTDG PGWER TECHNGLGY(Co.,Ltd. CIE1700472_66
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Blacx, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Z_ days at 20 Degree CO	mg/L	-	2.0	124	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA < WEF, 23rd ed., 2015, part _210 B, part 4_00 - G Y	Rayong
Gil < Yrease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA < WEF, 23rd ed., 2015, part __20 B	Rayong
pH Zon siteO k		-	-	6._	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA < WEF, 23rd ed., 2015, part 4_00 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remarx :
- LGD : Limit of Detection
- "*" : Lower than LGQ ZLimit of QuantitationO/ LGR ZLimit of ReportingO
- AnalyteZsOmarxed k is/are not included in scope of Accreditation ISG/IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2471159
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 3093430-1

Sample Number	249551_-1
Sampled Date	Sep 11, 2024 3:10 PM
Sample Description	Wastewater
Contract ID	L7CIE701172_60 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (_ days at 20 Degree C)	mg/L	-	2.0	4_.4	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part _210 B, part 4_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part __20 B	Rayong
pH (on site) k		-	-	8.3	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

RemarQ:
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- *< : Lower than LO" (Limit of " uantitation) / LOR (Limit of Reporting)
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2497700
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093395-1

Sample Number	2495500-1
Sampled Date	Sep 10, 2024 3:31 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700372_64 **Plot** G-62 **Site** Thai Wp Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD Y_ days at 20 Degree C(	mg/L	-	2.0	3_.0	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _210 B, part 4_00 - Z &	Rayong
Zil x &rease	mg/L	-	3	9	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part __20 B	Rayong
pH Yon site(<		-	-	5.4	_.-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4_00 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
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- Q' Q : Lower than LZk YLimit of k uantitation(/ LZR YLimit of Reporting(
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2473329
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093441-1

Sample Number	249f f 23-1
Sampled Date	Sep 10, 2024 11:0f AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700f 72_66 **Plot**).21 **Site** TGGLS INTERNATIGNAL YTHAILAND(Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGD Y_ days at 20 Degree C(	mg/L	-	2.0	33.f	≤_00	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part _210 B, part 4_00 - G &	Rayong
Gil x &rease	mg/L	-	3	<3	≤10	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part __20 B	Rayong
pH Yon site(*		-	-	f .3	_.-9.0	Standard Methods 5or the EQamination o5Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 201f, part 4_00 - H YB(	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_6f : &eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :
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- "<" : Lower than LGQ YLimit o5Quantitation(/ LGR YLimit o5Reporting(
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P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2471139
Date Received : Sep 11, 2024
Date Reported : Sep 15, 2024
Report Number : 30934f 0-1

Sample Number	2495531-1
Sampled Date	Sep 11, 2024 2:4f PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2f 65 **Plot**).4,).4A,).4C **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, some odour, a lot o7solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Yf days at 20 Degree C(	mg/L	-	2.0	* 2.0	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f 210 B, part 4f 00 - O <	Rayong
Oil & <rease	mg/L	-	3	* 3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part f f 20 B	Rayong
pH Yon site(k		-	-	5.6	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2015, part 4f 00 - H YB(	Rayong

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RemarG :
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- "* " : Lower than LOQ YLimit o7Quantitation(/ LOR YLimit o7Reporting(
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P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 2497658
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093358-1

Sample Number	2497685-1
Sampled Date	Sep 10, 2024 3:13 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2562 **Plot**).63/1 **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Y5 days at 20 Degree C(	mg/L	-	2.0	23.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O <	Rayong
Oil & <rease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH Yon site(*		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

RemarG :
- LOD : Limit of Detection
- Q' Q : Lower than LOk YLimit of k uantitation(/ LOR YLimit of Reporting(
- AnalyteYs(marGed * is/are not included in scope of Accreditation ISO/IEC 17025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2483782
Date Received : Sep 10, 2024
Date Reported : Sep 16, 2024
Report Number : 3093385-1

Sample Number	2495692-1
Sampled Date	Sep 10, 2024 10:31 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700672_63 **Plot** (-__D **Site** Ultimate Springs GThailandY Co.,Ltd.
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZD G_ days at 20 Degree CY	mg/L	-	2.0	__.4	≤_00	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part _210 B, part 4_00 - Z &	Rayong
Zil x &rease	mg/L	-	3	6	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part __20 B	Rayong
pH Gon siteY <		-	-	6.9	_._-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 23rd ed., 2015, part 4_00 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remar* :
- LZD : Limit of Detection
- Q Q : Lower than LZk GLimit of k uantitationY / LZR GLimit of ReportingY
- AnalyteGY mar*ed < is/are not included in scope of Accreditation ISZ/IEC 1502_.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 2497663
Date Received : Sep 05, 2024
Date Reported : Sep 11, 2024
Report Number : 3093306-1

Sample Number	2497663-1
Sampled Date	Sep 05, 2024 2:20 PM
Sample Description	Wastewater
Contract ID	L_CIE_023_2550 **Plot** F-9 **Site** Van Leeuwen Pipe and Tube (Thailand) Ltd.
Date Analysis Commenced	Sep 05, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	76.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH (on site) *		-	-	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

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 2471139
Date Received : Sep 09, 2024
Date Reported : Sep 16, 2024
Report Number : 3093425-1

Sample Number 2495513-1
Sampled Date Sep 09, 2024 1:43 PM
Sample Description Wastewater
Contract ID L_WHA CIE1_006_2V6V **Plot** B-10C **Site** (-SACHET Co.,Ltd.
Date Analysis Commenced Sep 09, 2024
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx D)V days at 20 Degree CY	mg/L	-	2.0	22.V	≤V00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part V210 B, part 4V00 - x G	Rayong
x il 7 Grease	mg/L	-	3	4	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part VV20 B	Rayong
pH)on siteY *		-	-	5.V	V.V-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 23rd ed., 2015, part 4V00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2V65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-00V1

Remark :
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TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111610
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 0-1

Sample Number 2D111610-1
Sampled Date 4 ct 09, 202D 2:D6 PM
Sample Description Wastewater
Contract ID L_WHA CIE1_009_2G6D **Plot** O.GGB **Site** AYRI S(RUP INv USTR( )THAILANv Z Co.,Ltd.
Date Analysis Commenced 4 ct 09, 202D
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAZ
Physical Property (ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)G days at 20 v egree CZ	mg/L	-	2.0	32.0	≤G00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G210 B, part DG00 - 4 Y	Rayong
4 il & Yrease	mg/L	-	3	G	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteZ <		-	-	6.f	G.G-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DG00 - H)BZ	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2G6f : Y eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
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- Q' Q : Lower than L4 k)Limit o7k uantitationZ/ L4 R)Limit o7ReportingZ
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TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111608
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D6D-1

Sample Number	2D111608-1
Sampled Date	4ct 09, 202D 2:72 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_00G_276D **Plot** O-77Y **Site** AYRI S(RUP INv USTR( )THAILANv Z Co.,Ltd.
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAZ
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v)7 days at 20 v egree CZ	mg/L	-	2.0	1D.6	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 Y	Rayong
4il & Yrease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteZ *		-	-	6.3	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276G : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q)Limit of QuantitationZ / L4R)Limit of ReportingZ
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111609
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D69-1

Sample Number	2D111609-1
Sampled Date	4ct 09, 202D 2:D3 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700872_6D **Plot** Z-__H **Site** AGRI SYRUP INv USTRY (THAILANv) Co.,Ltd.
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v (_ days at 20 v egree C)	mg/L	-	2.0	&2.0	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
4il x Grease	mg/L	-	3	&3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) <		-	-	*.1	_._-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6* : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111616
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 8-1

Sample Number	2D111616-1
Sampled Date	4 ct 09, 202D 1:_f PM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G00DG2_6_ **Plot** Z-_9B **Site** AIR INTERNATI4 NAL THERMAL SYSTEMS (THAILANv) LIMITEv
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (_ days at 20 v egree C)	mg/L	-	2.0	86.6	≤_00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	8	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) <		-	-	f .9	_._-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24777176
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 9-1

Sample Number	2D11161f -1
Sampled Date	4 ct 09, 202D 1:_9 PM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G00_G2_6_ **Plot** Z-_9C **Site** AIR INTERNATI4 NAL THERMAL SYSTEMS (THAILANv) LIMITEv
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (_ days at 20 v egree C)	mg/L	-	2.0	1_.9	≤_00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) <		-	-	f .6	_._-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24888681
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D80-1

Sample Number	2D111618-1
Sampled Date	4ct 09, 202D 2:01 PM
Sample Description	Wastewater
Contract ID	L7CIE700_72G60 **Plot** Z-G9v **Site** AIR INTERNATI4 NAL THERMAL SYSTEMS (THAILANv) LIMITEv
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v (G days at 20 vegree C)	mg/L	-	2.0	62.3	≤G00	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part G210 B, part DG00 - 4 &	Rayong
4il x &rease	mg/L	-	3	6	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH (on site) <		-	-	_.D	G.G-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part DG00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G6_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24888512
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122392-1

Sample Number	2D111782-1
Sampled Date	4ct 09, 202D 2:32 PM
Sample Description	Wastewater
Contract ID	L_CIE_008_2778 **Plot** G-77E **Site** Analog City
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v Y7 days at 20 vegree C(	mg/L	-	2.0	6D.0	≤700	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 x	Rayong
4il O xrease	mg/L	-	3	8	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(&		-	-	8.1	7.7-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276< : xeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
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- Q' Q : Lower than L4k YLimit of k uantitation(/ L4R YLimit of Reporting(
- AnalyteYs(mar*ed & is/are not included in scope of Accreditation IS4/IEC 1<027.
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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111540
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121610-1

Sample Number	2v111_v0-1
Sampled Date	4ct 0D, 202v 11:03 AM
Sample Description	Wastewater
Contract ID	L(CIE(003(2__D **Plot** B-10B **Site** Anstac)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	3_.2	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	6.8	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111561
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121D09-1

Sample Number	2v111_61-1
Sampled Date	4ct 0D, 202v 10:23 AM
Sample Description	Wastewater
Contract ID	L(CIE(009(2__8 **Plot** A-08C **Site** Asahi 5iamond)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	69.3	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	6.D	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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- "<" : Lower than L4Q)Limit o7QuantitationY / L4R)Limit o7ReportingY
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Lot ID: 24111629

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v96-1

Sample Number	2v111629-1
Sampled Date	4ct 0D, 202v 10:_v AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(006(2_66 **Plot** B11-B **Site** ASMECH TECHN4L4) Y CTHAILAN5x C4MPANY LIMITE5
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. CAPHA / USEPAx
Physical Property	Yellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	39.9	≤_00	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part _210 B, part v_00 - 4)	Rayong
4il G) rease	mg/L	-	3	_	≤10	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part __20 B	Rayong
pH Qon sitex *		-	-	D.3	_._-9.0	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part v_00 - H QBx	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D :) eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q Qimit o7Quantitationx / L4R Qimit o7Reportingx
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TESTING
No.0042

Lot ID: 24777106

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Reci5ed : 4ct 10, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D63-1

Sample Number	2D11160_-1
Sampled Date	4ct 10, 202D 3:18 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700(72(6D **Plot** C-01 **Site** ATEN C4MPUTER PR4v UCT Co.,Ltd.
Date Analysis Commenced	4ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Cellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v)(days at 20 v egree CY	mg/L	-	2.0	(1.6	≤(00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part (210 B, part D(00 - 4 G	Rayong
4il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH)on siteY k		-	-	_.6	(.(-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D(00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2(6_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L4v : Limit of v etection
- <* < : Lower than L4")Limit of " uantitationY / L4R)Limit of ReportingY
- Analyte)sY marQed k is/are not included in scope of Accreditation IS4/IEC 1_02(.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1_02(.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24777156
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 3122369-1

Sample Number	2D111_67-1
Sampled Date	4 ct 0D, 202D 9:_0 AM
Sample Description	Wastewater
Contract ID	L(CIE(001(2__0 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)_ days at 20 v egree CY	mg/L	-	2.0	17.1	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	7.D	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarQ:
- L4 v : Limit of v etection
- <* < : Lower than L4")Limit of " uantitationY/ L4 R)Limit of ReportingY
- Analyte)sY marQed k is/are not included in scope of Accreditation IS4/IEC 1702_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111662
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D29-1

Sample Number	2D111662-1
Sampled Date	4 ct 10, 202D 10:13 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	4 ffice
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)G days at 20 v egree CO	mg/L	-	2.0	30.0	≤G00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G210 B, part DG00 - 4 (	Rayong
C4 v	mg/L	1.G	2G	77	≤7G0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G220 v	Rayong
Color)at 4 riginal pHO	Av MI	-	G	6D	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color)at pH 7.0O	Av MI	-	G	60	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
4 il & (rease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteO *		-	-	7.6	G.G-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DG00 - H)BO	Rayong
Temperature *	v egree C	-	-	29.8	≤DG	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2GG0 B	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	G	336	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2GD0 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111662
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D29-1

Sample Number	2D111662-1
Sampled Date	4 ct 10, 202D 10:13 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	4 ffice
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	38.9	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DG00-Norg)CQ part NH3)v O	Rayong
Total Suspended Solids v ried at 103-10G degree C	mg/L	-	G	17	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2GD0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G67 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling v y : Suphanat Sakulk ทะเบียนเลขที่ค -323-ว-0021

Remark :
- L4 v : Limit of v etection
- "<" : Lower than L4 Q)Limit of QuantitationO/ L4 R)Limit of ReportingO
- Analyte)sOmarked * is/are not included in scope of Accreditation IS4/IEC 1702G.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1702G.

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111662
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D29-2

Sample Number	2D111662-1
Sampled Date	4 ct 10, 202D 10:13 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	4 ffice
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	No Velocity	No Standard	Flow meter	Rayong
4 dour		-	-	4 dour	No Standard	TIS, 2G7-2GD9	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G67 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
- L4 v : Limit of v etection
- "<" : Lower than L4 Q)Limit of QuantitationO/ L4 R)Limit of ReportingO

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111556
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D30-1

Sample Number	2D11166_-1
Sampled Date	4 ct 10, 202D 10:12 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2__9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)_ days at 20 v egree CO	mg/L	-	2.0	3.7	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 (	Rayong
C4 v	mg/L	1._	2_	D2	≤7_0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _220 v	Rayong
Color)at 4 riginal pHO	Av MI	-	_	7	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color)at pH 7.0O	Av MI	-	_	7	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
4 il & (rease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteO *		-	-	8.2	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BO	Rayong
Residual Free Chlorine *	mg/L	-	0.1	k 0.1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00-Cl)FO	Rayong
Temperature *	v egree C	-	-	30.D	≤D_	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2__0 B	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111556
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D30-1

Sample Number	2D11166_-1
Sampled Date	4 ct 10, 202D 10:12 AM
Sample Description	Wastewater
Contract ID	LGCIEG003G2__9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	_	2060	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2_D0 C	Rayong
Total Q(eldahl Nitrogen as N	mg/L	-	1.0	1.8	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00-Norg)CQ part NH3)v O	Rayong
Total Suspended Solids v ried at 103-10_ degree C	mg/L	-	_	9	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2_D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Saj ulj ทะเบียนเลขที่ค -323-ว-0021

Remarj :
- L4 v : Limit of v etection
- -k < : Lower than L4 ")Limit of " uantitationO/ L4 R)Limit of ReportingO
- Analyte)sOmarj ed * is/are not included in scope of Accreditation IS4/IEC 1702_.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1702_.

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111556
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D30-2

Sample Number	2D11166f -1
Sampled Date	4 ct 10, 202D 10:12 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2f f 9 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation 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							
Flow rate	m3/s	-	-	0.01O	No Standard	Flow meter	Rayong
4 dour		-	-	4 dourless	No Standard	TIS, 2f O-2f D9	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6O : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
- L4 v : Limit o7 v etection
- "<" : Lower than L4 Q (Limit o7Quantitation) / L4 R (Limit o7Reporting)

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Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111533
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3121f 8_-1

Sample Number	2D111f 33-1
Sampled Date	4 ct 10, 202D 9:D6 AM
Sample Description	Wastewater
Contract ID	L(CIE(002(2f f 0 **Plot** B.I.) **Site** B.I.) . Co.,Ltd.
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree CO	mg/L	-	2.0	8_.8	≤f 00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4)	Rayong
4 il G) rease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon siteO k		-	-	_.9	f .f -9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part Df 00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6_ :) eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L4 v : Limit o7 v etection
- <* < : Lower than L4 " YLimit o7" uantitationO/ L4 R YLimit o7ReportingO
- Analyte\'sOmarQed k is/are not included in scope o7Accreditation IS4 /IEC 1_02f .
- The laboratory has been accepted as an accredited laboratory complying with the IS4 /IEC 1_02f .

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111564
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D11-1

Sample Number	2D11167D-1
Sampled Date	4ct 09, 202D 9:D_ AM
Sample Description	Wastewater
Contract ID	LGCIEG002G2777 **Plot**)-68 **Site** BHN YTHAILANv (Co.,Ltd.
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v Y7 days at 20 vegree C(	mg/L	-	2.0	<2.0	≤700	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 &	Rayong
C4v	mg/L	1.7	27	<27	≤_70	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7220 v	Rayong
4il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(*		-	-	_.6	7.7-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong
Total Suspended Solids v ried at 103-107 degree C	mg/L	-	7	<7	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 27D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L4v : Limit of v etection
- "<" : Lower than L4Q YLimit of Quantitation(/ L4R YLimit of Reporting(
- AnalyteYs(marked * is/are not included in scope of Accreditation IS4/IEC 1_027.
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1_027.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111546
v ate Recei5ed : 4ct 10, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D32-1

Sample Number	2D1116D_-1
Sampled Date	4ct 10, 202D 10:27 AM
Sample Description	Wastewater
Contract ID	L(CIE(003(2__0 **Plot** B-_ **Site** Boncafe)ThailandY Ltd.
Date Analysis Commenced	4ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v)_ days at 20 vegree CY	mg/L	-	2.0	_8._	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	7.2	_.-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong
Total Suspended Solids v ried at 103-10_ degree C	mg/L	-	_	29	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2_D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than L4Q)Limit of QuantitationY / L4R)Limit of ReportingY
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111544
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121632-1

Sample Number	2v111_vv-1
Sampled Date	4ct 0D, 202v 2:00 PM
Sample Description	Wastewater
Contract ID	L(CIE(009(2__D **Plot** B-0v **Site** Castool Tooling systems
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	8.v	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	D.2	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q)Limit o7QuantitationY / L4R)Limit o7ReportingY
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111611
v ate Recei5ed : 4ct 11, 202D
v ate Reported : 4ct 1f, 202D
Report Number : 3122Df 2-1

Sample Number	2D111611-1
Sampled Date	4ct 11, 202D 9:D_ AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G010G2_6D **Plot**).3D-).38 **Site** Celeraise YThailand(Co.,Ltd.
Date Analysis Commenced	4ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v Y_ days at 20 vegree C(	mg/L	-	2.0	f._	≤_00	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon site(*		-	-	f._	_._-9.0	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022

Remark :
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111593
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 3122D39-1

Sample Number	2D111_93-1
Sampled Date	4 ct 0D, 202D 10:2_ AM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** v .13/1,v .13/3(A) **Site** Chonburi Clean Energy Co.,Ltd.
	CIE1700172_63
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (_ days at 20 v egree C)	mg/L	-	2.0	218	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	G3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	k.2	_._-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarQ:
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- <G< : Lower than L4 " (Limit of " uantitation) / L4 R (Limit of Reporting)
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24777159
v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122388-1

Sample Number	2D111_f 9-1
Sampled Date	4 ct 11, 202D 10:00 AM
Sample Description	Wastewater
Contract ID	LGCIEG028G2__0 **Plot**)-D8 **Site** Coil Tech Steel YThailand(Co.,Ltd.
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y_ days at 20 v egree C(	mg/L	-	2.0	31._	≤_00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon site(*		-	-	f .6	_._-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022

Remark :
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- "<" : Lower than L4 Q YLimit o7Quantitation(/ L4 R YLimit o7Reporting(
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111551
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31216f _-1

Sample Number	2D111f f 1-1
Sampled Date	4 ct 0D, 202D 9:0f AM
Sample Description	Wastewater
Contract ID	L(CIE(00D(2f f 0 **Plot** E-f **Site** v aiλu)u YThailandOLtd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree CO	mg/L	-	2.0	91._	≤f 00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 *	Rayong
4 il G *rease	mg/L	-	3	_	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon siteO k		-	-	_.8	f .f -9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part Df 00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6_ : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remar) :
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- "<" : Lower than L4 Q YLimit o7QuantitationO/ L4 R YLimit o7ReportingO
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24888511
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122399-1

Sample Number	2D111788-1
Sampled Date	4 ct 09, 202D 9:7_ AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G00DG2762 **Plot**).6_ **Site** v T Wiring Systems YThailand(Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y7 days at 20 v egree C(	mg/L	-	2.0	21.D	≤700	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 &	Rayong
4 il x &rease	mg/L	-	3	D	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(<		-	-	_.D	7.7-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
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- Q' Q : Lower than L4 k YLimit of k uantitation(/ L4 R YLimit of Reporting(
- AnalyteYs(mar*ed < is/are not included in scope of Accreditation IS4/IEC 1_027.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111590
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D0D-1

Sample Number	2D111790-1
Sampled Date	4ct 09, 202D 10:10 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2762 **Plot**).72 **Site** vTS v raeGmaier Automoti5e Systems YThailand(Co.,Ltd.
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v Y7 days at 20 vegree C(	mg/L	-	2.0	201	≤700	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 x	Rayong
4il O xrease	mg/L	-	3	10	≤10	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(&		-	-	8.2	7.7-9.0	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276< : xeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
- L4v : Limit of vetection
- Q' Q : Lower than L4k YLimit of kuantitation(/ L4R YLimit of Reporting(
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111534
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121_91-1

Sample Number	2v111_3v-1
Sampled Date	4ct 0D, 202v 9:v9 AM
Sample Description	Wastewater
Contract ID	L(CIE(00_(2__0 **Plot** A-1 **Site** 5usholu) YSiamOCo.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Y_ days at 20 5egree CO	mg/L	-	2.0	18.9	≤_00	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	D.6	_._-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

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Remark :
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- "<" : Lower than L4Q YLimit o7QuantitationO/ L4R YLimit o7ReportingO
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Lot ID: 24111605

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v_9-1

Sample Number	2v11160_-1
Sampled Date	4ct 0D, 202v 11:30 AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(002(2_6v **Plot** B6-A **Site** ENR) Limited
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot oXodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Y_ days at 20 5egree CO	mg/L	-	2.0	v_.2	≤_00	Standard Methods Xor the E&amination oXWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il 7 Grease	mg/L	-	3	6	≤10	Standard Methods Xor the E&amination oXWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	D.0	_._-9.0	Standard Methods Xor the E&amination oXWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : NotiXcation oXthe Industrial Estate Authority oXThailand No.029/2_6D : General Standards Xor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit oX5etection
- "<" : Lower than L4Q YLimit oXQuantitationO/ L4R YLimit oXReportingO
- AnalyteYsOmarked * is/are not included in scope oXAccreditation IS4/IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111535

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121_9v-1

Sample Number	2v111_3_-1
Sampled Date	4ct 0D, 202v 9:_9 AM
Sample Description	Wastewater
Contract ID	L(CIE(001(2__D **Plot** A-2 **Site** Feltol Manu7acturing Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	66.2	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	_	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	D.1	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o75etection
- "<" : Lower than L4Q)Limit o7QuantitationY/ L4R)Limit o7ReportingY
- Analyte)sYmarked * is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111626
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D92-1

Sample Number	2D111626-1
Sampled Date	4 ct 09, 202D 2:0D PM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** (-_9E **Site** FES G RAYS4 AR ELECTR4 NICS Co.,Ltd. CIE1700372_66
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAZ
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)_ days at 20 v egree CZ	mg/L	-	2.0	&2.0	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 x	Rayong
4 il G x rease	mg/L	-	3	&3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteZ <		-	-	*.D	_._-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D_00 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6* : x eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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- "&" : Lower than L4 Q)Limit of QuantitationZ / L4 R)Limit of ReportingZ
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111587
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 312239f -1

Sample Number	2D111_8f -1
Sampled Date	4 ct 09, 202D 2:13 PM
Sample Description	Wastewater
Contract ID	LGWHA **Plot**).._9F **Site** FES International YThailand(Co.,Ltd. CIE1G002G2_62
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7 odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y_ days at 20 v egree C(	mg/L	-	2.0	88.9	≤_00	Standard Methods 7or the EQamination o7 Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the EQamination o7 Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon site(<		-	-	f .3	_._-9.0	Standard Methods 7or the EQamination o7 Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H YB(	Rayong

Guideline : Notiᖷcation o7 the Industrial Estate Authority o7 Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
- L4 v : Limit o7 v etection
- Q' Q : Lower than L4 k YLimit o7 k uantitation(/ L4 R YLimit o7 Reporting(
- AnalyteY6(mar*ed < is/are not included in scope o7 Accreditation IS4/IEC 1f 02_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111614

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 6-1

Sample Number	2D11161D-1
Sampled Date	4 ct 09, 202D 2:21 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2G6G **Plot** Y-G9(**Site** FES International Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAZ
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)G days at 20 v egree CZ	mg/L	-	2.0	DD.9	≤G00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G210 B, part DG00 - 4 (	Rayong
4 il & (rease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteZ *		-	-	8.0	G.G-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DG00 - H)BZ	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2G6f : (eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4 Q)Limit o7QuantitationZ / L4 R)Limit o7ReportingZ
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111612

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 3-1

Sample Number	2D111612-1
Sampled Date	4 ct 09, 202D 10:0_ AM
Sample Description	Wastewater
Contract ID	LGCIEG010G2__8 **Plot**)-66 **Site** FiniYY (lobal Industry Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. ZAPHA / USEPAO
Physical Property	xellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Z_ days at 20 v egree CO	mg/L	-	2.0	3D.1	≤_00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 (	Rayong
4 il & (rease	mg/L	-	3	D	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon siteO <		-	-	f .6	_._-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : (eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
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- Q' Q : Lower than L4 k ZLimit o7k uantitationO/ L4 R ZLimit o7ReportingO
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111562

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121D0_-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111_62-1
Sampled Date	4ct 0D, 202v 2:08 PM
Sample Description	Wastewater
Contract ID	L(CIE(011(2__8 **Plot** B-6 **Site** FRASERS PR4PERT) THAILAN5 IN5USTRIAL FREEH4L5 Y LEASEH4L5 REIT
Location	บริษัท ควอซาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	)ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	68.0	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part __20 B	Rayong
pH Q0n sitex k		-	-	D.9	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part v_00 - H 0Bx	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <* : Lower than L4" QLimit o7" uantitationx / L4R QLimit o7Reportingx
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111623

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v88-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111623-1
Sampled Date	4ct 0D, 202v 3:02 PM
Sample Description	Wastewater
Contract ID	L(CIE(011(2__D **Plot** 5-1 **Site** FRASERS PR4PERT) THAILAN5 IN5USTRIAL FREEH4L5 Y LEASEH4L5 REIT
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	)ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	1_.3	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part __20 B	Rayong
pH Q0n sitex k		-	-	D.D	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part v_00 - H 0Bx	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <* : Lower than L4" QLimit o7" uantitationx / L4R QLimit o7Reportingx
- AnalyteQx marQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111553
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3121662-1

Sample Number	2D111__3-1
Sampled Date	4 ct 10, 202D 10:_3 AM
Sample Description	Wastewater
Contract ID	L7CIE701072__(**Plot** v-2 **Site** FRASERS PR4PERT) THAILANv INv USTRIAL FREEH4Lv Y LEASEH4Lv REIT
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. OAPHA / USEPAx
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v Q_ days at 20 v egree Cx	mg/L	-	2.0	6D.8	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	(	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Qbn sitex *		-	-	(.8	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D_00 - H Gx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6(: General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111556
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 312169_-1

Sample Number	2v111__6-1
Sampled Date	4 ct 0D, 202v 2:3D PM
Sample Description	Wastewater
Contract ID	L(CIE(00v(2__8 **Plot** 5-6 **Site** FRASERS PR4PERT) THAILAN5 IN5USTRIAL FREEH4L5 Y LEASEH4L5 REIT
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	D8.6	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	D	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part __20 B	Rayong
pH Qbn sitex *		-	-	D.8	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part v_00 - H Gx	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q QLimit o7Quantitationx / L4R QLimit o7Reportingx
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111632
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122_01-1

Sample Number	2v111632-1
Sampled Date	4ct 0D, 202v 2:31 PM
Sample Description	Wastewater
Contract ID	L(CIE(013(2__8 **Plot** 5-D **Site** FRASERS PR4PERT) THAILAN5 IN5USTRIAL FREEH4L5 Y LEASEH4L5 REIT
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	)ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	21._	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part __20 B	Rayong
pH Q0n sitex k		-	-	D.6	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part v_00 - H Q3x	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <* < : Lower than L4" QLimit o7" uantitationx / L4R QLimit o7Reportingx
- AnalyteQx marQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111603
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v__-1

Sample Number	2v111603-1
Sampled Date	4ct 0D, 202v 2:2D PM
Sample Description	Wastewater
Contract ID	L(CIE(01v(2__8 **Plot** 5-8 **Site** FRASERS PR4PERT) THAILAN5 IN5USTRIAL FREEH4L5 Y LEASEH4L5 REIT
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	)ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	18.v	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il Y Grease	mg/L	-	3	v	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part __20 B	Rayong
pH Q0n sitex *		-	-	D.D	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA Y WEF, 2vth ed., 2023, part v_00 - H Q3x	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o75etection
- "<" : Lower than L4Q QLimit o7Quantitationx / L4R QLimit o7Reportingx
- AnalyteQx marked * is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24777152
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 31223f 8-1

Sample Number	2D111_f 2-1
Sampled Date	4 ct 10, 202D 11:19 AM
Sample Description	Wastewater
Contract ID	LGCIEG00f G2__6 **Plot**)-13 **Site** FRASERS PR4 PERTY THAILANv INv USTRIAL FREEH4 Lv (LEASEH4 Lv REIT
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Z_ days at 20 v egree CO	mg/L	-	2.0	11.1	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il (&rease	mg/L	-	3	3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon siteO <		-	-	f ._	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part D_00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
- L4 v : Limit o7v etection
- Q' Q : Lower than L4 k ZLimit o7k uantitationO/ L4 R ZLimit o7ReportingO
- AnalyteZsOmar*ed < is/are not included in scope o7Accreditation IS4 /IEC 1f 02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111573
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 31223f 9-1

Sample Number	2D111_f 3-1
Sampled Date	4 ct 10, 202D 11:1_ AM
Sample Description	Wastewater
Contract ID	LGCIEG008G2__6 **Plot**)-1D **Site** FRASERS PR4 PERTY THAILANv INv USTRIAL FREEH4 Lv (LEASEH4 Lv REIT
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot o7odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Z_ days at 20 v egree CO	mg/L	-	2.0	_.1	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4 il (&rease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon siteO *		-	-	6.1	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part D_00 - H ZBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L4 v : Limit o7v etection
- "<" : Lower than L4 Q ZLimit o7QuantitationO/ L4 R ZLimit o7ReportingO
- AnalyteZsOmarked * is/are not included in scope o7Accreditation IS4 /IEC 1f 02_.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111600
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 3122vv9-1

Sample Number	2v111600-1
Sampled Date	4 ct 0D, 202v 2:18 PM
Sample Description	Wastewater
Contract ID	L(WHA **Plot** B-D **Site**) lory Winner YThailandOCo.,Ltd.
	CIE1(011(2_63
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Y_ days at 20 5egree CO	mg/L	-	2.0	30.0	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part _210 B, part v_00 - 4)	Rayong
4 il G) rease	mg/L	-	3	*3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO k		-	-	8.2	_._-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D :) eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L4 5 : Limit o75etection
- <* < : Lower than L4 " YLimit o7" uantitationO/ L4 R YLimit o7ReportingO
- AnalyteYsOmarQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111552
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31216f 9-1

Sample Number	2D111f f 2-1
Sampled Date	4 ct 0D, 202D 11:1f AM
Sample Description	Wastewater
Contract ID	L7CIE700972f f 0 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	4 _ice
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)f days at 20 v egree CY	mg/L	-	2.0	1G.9	≤f 00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 (	Rayong
4 il & (rease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH)on siteY k		-	-	8.0	f .f -9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H)BY	Rayong

Guideline : Noti_cation o_the Industrial Estate Authority o_Thailand No.029/2f 6G : (eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarQ:
- L4 v : Limit o_v etection
- <* < : Lower than L4 ")Limit o_" uantitationY/ L4 R)Limit o_ReportingY
- Analyte)sY marQed k is/are not included in scope o_Accreditation IS4/IEC 1G02f .
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111599
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122DD6-1

Sample Number	2D111_99-1
Sampled Date	4 ct 10, 202D 9:2G AM
Sample Description	Wastewater
Contract ID	L(WHA **Plot** BC **Site** Hardware) ing Co.,Ltd.
	CIE1(010(2_63
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. OAPHA / USEPAY
Physical Property	xellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Q_ days at 20 v egree CY	mg/L	-	2.0	k 2.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 *	Rayong
4 il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Qon siteY j		-	-	G.3	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
- L4 v : Limit of v etection
- Q: Q : Lower than L4 K QLimit of KuantitationY / L4 R QLimit of ReportingY
- AnalyteQsYmar\ed j is/are not included in scope of Accreditation IS4 /IEC 1G02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111604
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df _-1

Sample Number	2D11160D-1
Sampled Date	4 ct 10, 202D 9:3_ AM
Sample Description	Wastewater
Contract ID	L(WHA **Plot** B-8 **Site** HI-Plus Import-E) port Co.,Ltd.
	CIE1(001(2f 6D
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree CO	mg/L	-	2.0	16.8	≤f 00	Standard Methods 7or the E) amination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the E) amination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon siteO k		-	-	6.8	f .f -9.0	Standard Methods 7or the E) amination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6_ : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L4 v : Limit o7v etection
- <* < : Lower than L4 " YLimit o7" uantitationO/ L4 R YLimit o7ReportingO
- AnalyteYsOmarQed k is/are not included in scope o7Accreditation IS4 /IEC 1_02f .
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111661
v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122D2f -1

Sample Number	2D111661-1
Sampled Date	4 ct 11, 202D 9:30 AM
Sample Description	Wastewater
Contract ID	L7CIE701172((0 **Plot** B-1 **Site** Honey Well Electronic Materials)ThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)(days at 20 v egree CY	mg/L	-	2.0	16.9	≤(00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part (210 B, part D(00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH)on siteY k		-	-	f .(	(.(-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D(00 - H)BY	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	(	(36	≤3000	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2(D0 C	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2(6f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : EQQachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022 , Pattarapol Sawang"aitam ทะเบียนเลขที่ ว-20D-จ-0002

RemarQ:
- L4 v : Limit o_v etection
- j * j : Lower than L4 <)Limit o_<uantitationY / L4 R)Limit o_ReportingY
- Analyte)sY marQed k is/are not included in scope o_Accreditation IS4 /IEC 1f 02(.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111661
v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122D2f -2

Sample Number	2D111661-1
Sampled Date	4 ct 11, 202D 9:30 AM
Sample Description	Wastewater
Contract ID	L(CIE(011(2)) 0 **Plot** B-1 **Site** Honey Well Electronic Materials YThailandk Co.,Ltd.
Date Analysis Commenced	4 ct 1) , 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAk
Physical Property	xellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nic&el	mg/L	0.0003	0.000)	0.09	G1.0	Standard Methods _or the E7amination o_Water and Wastewater. APHA, AWWA ≤ WEF, 2Dth ed., 2023, part 312) B,3030 F	Bang&o&

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2) 6f : ทeneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : E&&achai Tuntong ะ เบ ยลบ่ ะ ๒-323-j -0022 , Pattarapol Sawang@aitam ะ เบ ยลบ่ ะ ๒-20D-j -0002

Remar&:
- L4 v : Limit o_v etection
- "<" : Lower than L4 Q YLimit o_Quantitationk / L4 R YLimit o_Reportingk
- Analyte%sk mar&ed * is/are not included in scope o_Accreditation IS4 /IEC 1f 02) .
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24111602
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df 3-1

Sample Number	2D111602-1
Sampled Date	4 ct 09, 202D 10:D6 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_016_2f 63 **Plot**)-63 **Site** ImanaGa YThailand(Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree C(	mg/L	-	2.0	32.9	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	D	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(<		-	-	*.f	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6* : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarG :
- L4 v : Limit o7v etection
- Q' Q : Lower than L4 k YLimit o7k uantitation(/ L4 R YLimit o7Reporting(
- AnalyteYs(marGed < is/are not included in scope o7Accreditation IS4 /IEC 1*02f .
- The laboratory has been accepted as an accredited laboratory complying with the IS4 /IEC 1*02f .

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24111538
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 312160v-1

Sample Number	2v111_38-1
Sampled Date	4 ct 0D, 202v 10:18 AM
Sample Description	Wastewater
Contract ID	L(CIE(012(2__0 **Plot** A-D **Site** In-Season Foods Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	68.2	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	6.9	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ :
- L45 : Limit o75etection
- <* < : Lower than L4")Limit o7" uantitationY / L4 R)Limit o7ReportingY
- AnalyteJsYmarQed k is/are not included in scope o7Accreditation IS4 /IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111653
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 3122D10-1

Sample Number	2D1116_3-1
Sampled Date	4 ct 0D, 202D 11:3_ AM
Sample Description	Wastewater
Contract ID	L(CIE(002(2__8 **Plot** M-2 **Site** Insee Ecocycle Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Blacx, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)_ days at 20 v egree CO	mg/L	-	2.0	121	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
C4 v	mg/L	1._	2_	280	≤<_0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _220 v	Rayong
4 il 7 Grease	mg/L	-	3	6	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteO *		-	-	<<	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BO	Rayong
Total Suspended Solids v ried at 103-10_ degree C	mg/L	-	_	D9	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2_D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6< : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remarx :
- L4 v : Limit of v etection
- Q' Q : Lower than L4 k)Limit of k uantitationO/ L4 R)Limit of ReportingO
- Analyte)sOmarxed * is/are not included in scope of Accreditation IS4 /IEC 1<02_.
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111564
v ate Recei5ed : J ct 04, 202D
v ate Reported : J ct 1f , 202D
Report Number : 3121413-1

Sample Number	2D111f 6D-1
Sampled Date	J ct 04, 202D 11:34 AM
Sample Description	Wastewater
Contract ID	L_CIE_012_2f 60 **Plot** B-6E **Site** (ungheinrich Li7t Truc) Co.,Ltd.
Date Analysis Commenced	J ct 04, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BJ v Yf days at 20 v egree CO	mg/L	-	2.0	f 6.3	≤f 00	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - J *	Rayong
J il G *rease	mg/L	-	3	f	≤10	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon siteO k		-	-	4.6	f .f -9.0	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part Df 00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 64 : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athompromarat ทะเบียนเลขที่ ว-323-จ-0006

Remar) :
- LJ v : Limit o7v etection
- "<" : Lower than LJ Q YLimit o7QuantitationO/ LJ R YLimit o7ReportingO
- Analyte'sOmar)ed k is/are not included in scope o7Accreditation ISJ /IEC 1402f .
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24777146
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122381-1

Sample Number	2D1116Df -1
Sampled Date	4 ct 10, 202D 11:09 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2K61 **Plot** Z.18 **Site** OIMS4 NG ARTIW4 4 v Co.,Ltd.
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (K days at 20 v egree C)	mg/L	-	2.0	1f .f	≤K00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part K210 B, part DK00 - 4 G	Rayong
Formaldehyde	mg/L	0.03	0.1	Not v etected	≤1	Wastewater analysis manual, En5ironmental Engineering Association o7Thailand, Dth ed.,200D	Rayong
4 il & Grease	mg/L	-	3	6	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part KK20 B	Rayong
pH (on site) <		-	-	f .K	K.K-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DK00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2K6f : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
- L4 v : Limit o7 v etection
- Q' Q : Lower than L4 k (Limit o7k uantitation) / L4 R (Limit o7Reporting)
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24888518
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122391-1

Sample Number	2D111f 81-1
Sampled Date	4 ct 09, 202D 1:f 3 PM
Sample Description	Wastewater
Contract ID	L_CIE_016_2f f K **Plot** (-f 9A **Site** Ointetsu Logistics GThailandZ Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. GAPHA / USEPAZ
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (f days at 20 v egree CZ	mg/L	-	2.0	30.2	≤f 00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Gon siteZ *		-	-	K.2	f .f -9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H GBZ	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6K : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athompromarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4 Q GLimit o7QuantitationZ / L4 R GLimit o7ReportingZ
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TESTING
No.0042

Lot ID: 24111541

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 3121613-1

Sample Number	2v111_v1-1
Sampled Date	4 ct 0D, 202v 10:__ AM
Sample Description	Wastewater
Contract ID	L(CIE(001(2__6 **Plot** B-11C **Site**) uriyama CThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAY
Physical Property	xellow, a lot oGodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Q_ days at 20 5egree CY	mg/L	-	2.0	vv.0	≤_00	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 *	Rayong
4il 7 *rease	mg/L	-	3	6	≤10	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Gon siteY k		-	-	D.v	_._-9.0	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H GBY	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6D : *eneral Standards Gor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remarj :
- L4 5 : Limit oG5etection
- KQK : Lower than L4 \ QLimit oG\ uantitationY / L4 R QLimit oGReportingY
- AnalyteGsY marj ed k is/are not included in scope oGAccreditation IS4 /IEC 1D02_.
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TESTING
No.0042

Lot ID: 24777156

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D2f -1

Sample Number	2D1116f 7-1
Sampled Date	4 ct 11, 202D 10:30 AM
Sample Description	Wastewater
Contract ID	LKCIEK020K2f f 0 **Plot** (-3 **Site** Oyoden GThailandZ Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. GAPHA / USEPAZ
Physical Property	) ellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Gf days at 20 v egree CZ	mg/L	-	2.0	20.6	≤f 00	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4il x &rease	mg/L	-	3	<3	≤10	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Gon siteZ *		-	-	7.D	f .f -9.0	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H GBZ	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	f	f 72	≤3000	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 2f D0 C	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 67 : &eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022 , Pattarapol SawangGaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
- L4 v : Limit o_v etection
- j<j : Lower than L4 " QLimit o_" uantitationZ / L4 R QLimit o_ReportingZ
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TESTING
No.0009

Lot ID: 24111657

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D2f -2

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2D1116f 7-1
Sampled Date	4 ct 11, 202D 10:30 AM
Sample Description	Wastewater
Contract ID	LKCIEK020K2f f 0 **Plot** (-3 **Site** Oyoden GThailandZ Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	4 ct 1f , 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. GAPHA / USEPAZ
Physical Property	) ellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.000f	0.9D	≤2.0	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 312f B,3030 F	Bang&o&
Nic&el	mg/L	0.0003	0.000f	0.0010	≤1.0	Standard Methods _or the EYamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 312f B,3030 F	Bang&o&

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 67 : <eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : E&&achai Tuntong ทะเบียนเลขที่ ว-323-จ-0022 , Pattarapol Sawang*aitam ทะเบียนเลขที่ ว-20D-จ-0002

Remar&:
- L4v : Limit o_v etection
- Q' Q : Lower than L4k GLimit o_k uantitationZ/ L4R GLimit o_ReportingZ
- AnalyteGZ mar&ed j is/are not included in scope o_Accreditation IS4/IEC 1702f .
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111658

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D26-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2D1116_8-1
Sampled Date	4 ct 11, 202D 10:D0 AM
Sample Description	Wastewater
Contract ID	LKCIEK021K2__0 **Plot** (-6 **Site** Oyoden GThailandZ Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. GAPHA / USEPAZ
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4v G_ days at 20 v egree CZ	mg/L	-	2.0	11.D	≤_00	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 &	Rayong
4il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Gon siteZ *		-	-	7.6	_._-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H GBZ	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	_	3_6	≤3000	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 2_D0 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022 , Pattarapol SawangQaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
- L4v : Limit of v etection
- j<j : Lower than L4" GLimit of " uantitationZ/ L4R GLimit of ReportingZ
- AnalyteGZ marked * is/are not included in scope of Accreditation IS4/IEC 1702_.
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24111658

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D26-2

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Sample Number	2D1116_8-1
Sampled Date	4 ct 11, 202D 10:D0 AM
Sample Description	Wastewater
Contract ID	LKCIEK021K2__0 **Plot** (-6 **Site** Oyoden GThailandZ Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	4 ct 1_, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. GAPHA / USEPAZ
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.000_	0._9	≤2.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 312_ B,3030 F	Bang&o&
Nic&el	mg/L	0.0003	0.000_	0.001	≤1.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 312_ B,3030 F	Bang&o&

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : E&&achai Tuntong ทะเบียนเลขที่ ว-323-จ-0022 , Pattarapol Sawang°aitam ทะเบียนเลขที่ ว-20D-จ-0002

Remar&:
- L4 v : Limit of v etection
- Q Q : Lower than L4 k GLimit of k uantitationZ / L4 R GLimit of ReportingZ
- AnalyteGZ mar&ed j is/are not included in scope of Accreditation IS4 /IEC 1702_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111653

5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 3121D11-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Sample Number	2v111_63-1
Sampled Date	4 ct 0D, 202v 11:32 AM
Sample Description	Wastewater
Contract ID	L(CIE(013(2__D **Plot** B-6B **Site**) yowa SS GThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. GAPHA / USEPAY
Physical Property	xellow, a lot oGodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree CY	mg/L	-	2.0	28.3	≤_00	Standard Methods Gor the E&amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 *	Rayong
4 il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods Gor the E&amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Gon siteY j		-	-	D.v	_._-9.0	Standard Methods Gor the E&amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H GBY	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6D : *eneral Standards Gor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athompromarat ทะเบียนเลขที่ ว-323-จ-0006

Remar\ :
- L4 5 : Limit oG5 etection
- Q k Q : Lower than L4 K GLimit oGK uantitationY / L4 R GLimit oGReportingY
- AnalyteGkY mar\ed j is/are not included in scope oGAccreditation IS4 /IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111593

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 312160D-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Sample Number	2v111_39-1
Sampled Date	4ct 0D, 202v 3:20 PM
Sample Description	Wastewater
Contract ID	L(CIE(001(2__v **Plot** A-_/1 **Site** Laem Chabang Tan) Serf ices Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Y_ days at 20 5egree CO	mg/L	-	2.0	29._	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 *	Rayong
4il G *rease	mg/L	-	3	3	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO k		-	-	8.0	_.-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : *eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar) :
- L45 : Limit o75etection
- "<" : Lower than L4Q YLimit o7QuantitationO/ L4R YLimit o7ReportingO
- AnalyteYsOmar) ed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111638

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122_11-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Sample Number	2v111638-1
Sampled Date	4ct 0D, 202v 10:v2 AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(00_(2_6D **Plot** B.12C **Site** MARU) lobal Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Y_ days at 20 5egree CO	mg/L	-	2.0	v1.3	≤_00	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part _210 B, part v_00 - 4)	Rayong
4il G) rease	mg/L	-	3	v	≤10	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	6.8	_.-9.0	Standard Methods 7or the E8amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D :) eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q YLimit o7QuantitationO/ L4R YLimit o7ReportingO
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111658
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 312239_-1

Sample Number	2v111_86-1
Sampled Date	4 ct 0D, 202v 10:v_ AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(001(2_62 **Plot** B.125 **Site** MARU) lobal Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Y_ days at 20 5egree CO	mg/L	-	2.0	83.8	≤_00	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part _210 B, part v_00 - 4)	Rayong
4 il G) rease	mg/L	-	3	D	≤10	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	8.0	_._-9.0	Standard Methods 7or the E&amination o7Water and Wastewater. APHA, AWWA G WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D :) eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
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- "<" : Lower than L4Q YLimit o7QuantitationO/ L4R YLimit o7ReportingO
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111624
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 3122D89-1

Sample Number	2D11162D-1
Sampled Date	4 ct 0D, 202D 9:20 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2X66 **Plot** F-1D **Site** MA(METAL INTERNATI4 NAL C4 MPAN) LIMITEv
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v YX days at 20 v egree CO	mg/L	-	2.0	GD.6	≤X00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part X210 B, part DX00 - 4 7	Rayong
4 il & 7 rease	mg/L	-	3	G	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part XX20 B	Rayong
pH Yon siteO *		-	-	G.1	X.X-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DX00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2X6G : 7 eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remark :
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- "<" : Lower than L4Q YLimit of QuantitationO/ L4R YLimit of ReportingO
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24888514
Date Received : Oct 10, 2024
Date Reported : Oct 16, 2024
Report Number : 3122394-1

Sample Number	24111584-1
Sampled Date	Oct 10, 2024 11:05 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2560 **Plot** Z.57 **Site** Muntons Ingredients (Thailand) Co.,Ltd.
Date Analysis Commenced	Oct 10, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Black, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	75.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111554
v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3121690-1

Sample Number	2D11177D-1
Sampled Date	4 ct 11, 202D 10:17 AM
Sample Description	Wastewater
Contract ID	L(CIE(012(277f **Plot** C-2,3,D **Site** Na)agawa Special Steel YThailandOCo.,Ltd.
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y7 days at 20 v egree CO	mg/L	-	2.0	26.3	≤700	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 *	Rayong
4 il G * rease	mg/L	-	3	k 3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon siteO Q		-	-	f .3	7.7-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H YBO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/276f : * eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : E))achai Tuntong ทะเบียนเลขที่ ว-323-จ-0022

Remar) :
- L4 v : Limit o_v etection
- -k < : Lower than L4 " YLimit o_" uantitationO/ L4 R YLimit o_ReportingO
- Analyte\%Omar) ed Q is/are not included in scope o_Accreditation IS4 /IEC 1f 027.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24888621
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D9f -1

Sample Number	2D111628-1
Sampled Date	4 ct 10, 202D 3:29 PM
Sample Description	Wastewater
Contract ID	LGWHA **Plot** O2 **Site** NAM(4 N) TERMINAL PUBLIC C4 MPAN(LIMITEv CIE1G00f G2f 66
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAx
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree Cx	mg/L	-	2.0	36.D	≤f 00	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4)	Rayong
4 il 7) rease	mg/L	-	3	* 3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon sitex k		-	-	j .6	f .f -9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part Df 00 - H YBx	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 6j :) eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที ว-323-จ-0021

Remar\ :
- L4 v : Limit o_ v etection
- Qf Q : Lower than L4 K YLimit o_K uantitationx / L4 R YLimit o_Reportingx
- AnalyteYsx mar\ed k is/are not included in scope o_Accreditation IS4/IEC 1j 02f .
- The laboratory has been accepted as an accredited laboratory complying with the IS4/IEC 1j 02f .

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111636
5 ate Receif ed : 4 ct 0D, 202v
5 ate Reported : 4 ct 1_, 202v
Report Number : 3122_09-1

Sample Number	2v111636-1
Sampled Date	4 ct 0D, 202v 10:28 AM
Sample Description	Wastewater
Contract ID	L(WHA **Plot** A.9A, A.10 **Site** NBC Meshtec)ThailandY Co.,Ltd. CIE1(00v(2_6D
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5)_ days at 20 5 egree CY	mg/L	-	2.0	* 2.0	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	* 3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	D.3	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที ว-323-จ-0006

RemarQ:
- L4 5 : Limit o75 etection
- <* < : Lower than L4 ")Limit o7" uantitationY / L4 R)Limit o7ReportingY
- Analyte)sY marQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111605
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121D02-1

Sample Number	2v111_60-1
Sampled Date	4ct 0D, 202v 10:30 AM
Sample Description	Wastewater
Contract ID	L(CIE(002(2_60 **Plot** A-8A **Site** NBC Meshtec)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	36._	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	D.1	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <* < : Lower than L4")Limit o7" uantitationY/ L4R)Limit o7ReportingY
- Analyte)sYmarQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24111613
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122vD_-1

Sample Number	2v111613-1
Sampled Date	4ct 0D, 202v 11:00 AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(001(2_6_ **Plot** B-115 **Site** Nichiyu Asia)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	_3.9	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	D	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	D.6	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o75etection
- "<" : Lower than L4Q)Limit o7QuantitationY/ L4R)Limit o7ReportingY
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111573

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121601-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111_3D-1
Sampled Date	4ct 0D, 202v 10:06 AM
Sample Description	Wastewater
Contract ID	L(CIE(02D(2__0 **Plot** A-_ **Site** NI5EC 5ie-casting)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	6v.v	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	D.9	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <" < : Lower than L4")Limit o7" uantitationY/ L4R)Limit o7ReportingY
- Analyte)sYmarQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Lot ID: 24111592

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v3v-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111_92-1
Sampled Date	4ct 0D, 202v 10:02 AM
Sample Description	Wastewater
Contract ID	L(CIE(002(2__3 **Plot** A-6 **Site** NI5EC 5ie-casting)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	18.9	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	D._	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o75etection
- "<" : Lower than L4Q)Limit o7QuantitationY/ L4R)Limit o7ReportingY
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TESTING
No.0042

Lot ID: 24111565

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121D1D-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111_6_-1
Sampled Date	4ct 0D, 202v 9:v1 AM
Sample Description	Wastewater
Contract ID	L(CIE(006(2_60 **Plot** O-1 **Site** Ni))ei MC Aluminium Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAx
Physical Property	&ellow, a lot oGodour, some solid and a lot oGturbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Y_ days at 20 5egree Cx	mg/L	-	2.0	_v.8	≤_00	Standard Methods Cor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 k	Rayong
4il * krease	mg/L	-	3	_	≤10	Standard Methods Cor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon sitex j		-	-	D.v	_.-9.0	Standard Methods Cor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2vth ed., 2023, part v_00 - H YBx	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6D : keneral Standards Cor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar) :
- L45 : Limit oG5etection
- KQK : Lower than L4\ YLimit oG\uantitationx / L4R YLimit oGReportingx
- AnalyteYsx mar)ed j is/are not included in scope oGAccreditation IS4/IEC 1D02_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24777115

5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 312169D-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111__D-1
Sampled Date	4ct 0D, 202v 3:10 PM
Sample Description	Wastewater
Contract ID	L)CIE)00_)2__8 **Plot** A-_/2 **Site** Nual Chafee Engineering Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAx
Physical Property	4range, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45 Q_ days at 20 5egree Cx	mg/L	-	2.0	v1.0	≤_00	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il 7 Grease	mg/L	-	3	<3	≤10	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Qon sitex *		-	-	D._	_._-9.0	Standard Methods (or the E8amination o(Water and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H QBx	Rayong

Guideline : Noti(ication o(the Industrial Estate Authority o(Thailand No.029/2_6D : General Standards (or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o(5etection
- "<" : Lower than L4Q QLimit o(Quantitationx / L4R QLimit o(Reportingx
- AnalyteQsx marked * is/are not included in scope o(Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111634
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 3122_0_-1

Sample Number	2v11163v-1
Sampled Date	4 ct 0D, 202v 10:3D AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(002(2_6D **Plot** B.12A **Site** PRISM TELEC4 M ASIA LIMITE5
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5)_ days at 20 5egree CY	mg/L	-	2.0	* 2.0	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	* 3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	D.0	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L4 5 : Limit o75etection
- <* < : Lower than L4 ")Limit o7" uantitationY/ L4 R)Limit o7ReportingY
- Analyte)sYmarQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111550
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31216f D-1

Sample Number	2D111f f 0-1
Sampled Date	4 ct 0D, 202D 11:00 AM
Sample Description	Wastewater
Contract ID	LGCIEG01DG2f 60 **Plot** v -12/2A **Site** S.4 . TAN(CLEANIN) TERMINAL Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. OAPHA / USEPAY
Physical Property	xellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Of days at 20 v egree CY	mg/L	-	2.0	f 9.3	≤f 00	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4)	Rayong
4 il 7) rease	mg/L	-	3	6	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Qon siteY *		-	-	k.9	f .f -9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part Df 00 - H QBY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 6k :) eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remarj :
- L4 v : Limit o_v etection
- KQK : Lower than L4 \ QLimit o_\ uantitationY/ L4 R QLimit o_ReportingY
- AnalyteQsYmarj ed * is/are not included in scope o_Accreditation IS4/IEC 1k02f .
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24777156
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 312238f -1

Sample Number	2D111f _6-1
Sampled Date	4 ct 10, 202D 11:DD AM
Sample Description	Wastewater
Contract ID	LGCIEG010G2f f 6 **Plot**) -32 **Site** Sail Industry YThailand(Co.,Ltd.
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree C(	mg/L	-	2.0	33.6	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	10	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(<		-	-	_._	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6_ : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
- L4 v : Limit o7 v etection
- Q' Q : Lower than L4 k YLimit o7 k uantitation(/ L4 R YLimit o7Reporting(
- AnalyteYs(mar*ed < is/are not included in scope o7Accreditation IS4/IEC 1_02f .
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111653
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122f 08-1

Sample Number	2D11163f -1
Sampled Date	4 ct 10, 202D 11:38 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2f 6G **Plot** Z.2f , Z.26 **Site** SAIL INv USTRY (THAILANv) C4MPANY LIMITEv
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (f days at 20 v egree C)	mg/L	-	2.0	26.D	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	D	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH (on site) <		-	-	G.2	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6G : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- Q' Q : Lower than L4 k (Limit o7 k uantitation) / L4 R (Limit o7Reporting)
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24777151
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122382-1

Sample Number	2D1117_7-1
Sampled Date	4 ct 10, 202D 11:27 AM
Sample Description	Wastewater
Contract ID	LGCIEG032G2770 **Plot** Z-33 **Site** SaYura Industry (Thailand) Co.,Ltd.
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (7 days at 20 v egree C)	mg/L	-	2.0	129	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 <	Rayong
4 il & <rease	mg/L	-	3	_	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) *		-	-	_.8	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/276_ : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaYulY ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24888641
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D06-1

Sample Number	2D1116D8-1
Sampled Date	4 ct 10, 202D 10:3D AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2___ **Plot** C-_,6 **Site** SANG CHARE4 N EASTERN GALOANIVE C4 .,LTv
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. ZAPHA / USEPA(
Physical Property	) ellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Z_ days at 20 v egree C(	mg/L	-	2.0	&3	≤_00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
C4 v	mg/L	1._	2_	28	≤&_0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _220 v	Rayong
4 il x Grease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon site(*		-	-	&&	_._-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H ZB(	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	_	1&2	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 2_D0 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6& : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24111648

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D06-2

Sample Number	2D1116D8-1
Sampled Date	4 ct 10, 202D 10:3D AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2GGG **Plot** C-G,6 **Site** SANO CHARE4 N EASTERN OALVANIZE C4 .,LTv
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.000G	0.002	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 312G B,3030 F	Bangkok
Zinc	mg/L	0.003	0.00G	0.17	≤G.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 312G B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G67 : Oeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
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- "<" : Lower than L4 Q (Limit of Quantitation) / L4 R (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24111648

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 17, 202D
Report Number : 3122D06-3

Page 1 of 1

Sample Number	2D1116D8-1
Sampled Date	4 ct 10, 202D 10:3D AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2GGG **Plot** C-G,6 **Site** SANO CHARE4 N EASTERN OALVANIZE C4 .,LTv
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.00G	0.DD	≤10.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 312G B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G67 : Oeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk , Pattarapol Sawangjaitam

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24777157
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31223f 6-1

Sample Number	2D1117f 1-1
Sampled Date	4 ct 0D, 202D 9:17 AM
Sample Description	Wastewater
Contract ID	L(CIE(018(277f **Plot** F-17 **Site** SET)ThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)7 days at 20 v egree CY	mg/L	-	2.0	70.6	≤700	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 G	Rayong
4 il & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	f .6	7.7-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/276f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarQ:
- L4 v : Limit o_v etection
- <* < : Lower than L4 ")Limit o_" uantitationY / L4 R)Limit o_ReportingY
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24777105
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31223f _-1

Sample Number	2D111_f 0-1
Sampled Date	4 ct 0D, 202D 10:0_ AM
Sample Description	Wastewater
Contract ID	L(CIE(01f (2__f **Plot** F-10 **Site** Shinsei) oCl YThailandx Comporation Limited.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAx
Physical Property	&ellow, a lot oGodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y_ days at 20 v egree Cx	mg/L	-	2.0	13._	≤_00	Standard Methods Gor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 k	Rayong
4 il * k rease	mg/L	-	3	j 3	≤10	Standard Methods Gor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon sitex \		-	-	f .6	_._-9.0	Standard Methods Gor the E7amination oGWater and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D_00 - H YBx	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6f : k eneral Standards Gor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarO:
- L4 v : Limit oGv etection
- Q Q : Lower than L4 K YLimit oGK uantitationx / L4 R YLimit oGReportingx
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TESTING
No.0042

Lot ID: 24111543

5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 3121630-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2v111_v3-1
Sampled Date	4 ct 0D, 202v 1:_2 PM
Sample Description	Wastewater
Contract ID	L(CIE(01D(2__0 **Plot** B-3 **Site** Shinwa) ogyo OThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. OAPHA / USEPAY
Physical Property	xellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Q_ days at 20 5egree CY	mg/L	-	2.0	k 2.0	≤_00	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 *	Rayong
4il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Qon siteY j		-	-	D._	_._-9.0	Standard Methods Gor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H QBY	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6D : *eneral Standards Gor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24777145

v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31216D9-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number	2D111_D7-1
Sampled Date	4 ct 0D, 202D 10:1_ AM
Sample Description	Wastewater
Contract ID	L(CIE(018(2__0 **Plot** v-13/2 **Site** Siam Steel Mill Ser5ices Ltd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)_ days at 20 v egree CY	mg/L	-	2.0	38.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	7.9	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remark :
- L4 v : Limit of v etection
- "<" : Lower than L4 Q)Limit of QuantitationY / L4 R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation IS4/IEC 1702_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111542
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3121626-1

Sample Number	2v111_v2-1
Sampled Date	4ct 0D, 202v 10:_2 AM
Sample Description	Wastewater
Contract ID	L(CIE(00v(2__D **Plot** B-11A **Site** SPF)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	2v.v	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	*3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	D.0	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarQ:
- L45 : Limit o75etection
- <" < : Lower than L4")Limit o7" uantitationY/ L4R)Limit o7ReportingY
- Analyte)sYmarQed k is/are not included in scope o7Accreditation IS4/IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111546
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 31216vD-1

Sample Number	2v111_v6-1
Sampled Date	4ct 0D, 202v 2:v_ PM
Sample Description	Wastewater
Contract ID	L(CIE(019(2__0 **Plot** 5-v **Site** Taisei Plas)ThailandY Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B45)_ days at 20 5egree CY	mg/L	-	2.0	v3.1	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il & Grease	mg/L	-	3	v	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	D.8	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2vth ed., 2023, part v_00 - H)BY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6D : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit o75etection
- "<" : Lower than L4Q)Limit o7QuantitationY/ L4R)Limit o7ReportingY
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24111555
5ate Receif ed : 4 ct 0D, 202v
5ate Reported : 4 ct 1_, 202v
Report Number : 312169v-1

Sample Number	2v111___-1
Sampled Date	4 ct 0D, 202v 2:_D PM
Sample Description	Wastewater
Contract ID	L(CIE(003(2__8 **Plot** M-3 **Site** Tayih) enmos Auto Parts CThailandY Co.,Ltd.
Date Analysis Commenced	4 ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. CAPHA / USEPAY
Physical Property	xellow, a lot oGodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Q_ days at 20 5egree CY	mg/L	-	2.0	6D.9	≤_00	Standard Methods Cor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 *	Rayong
4il 7 *rease	mg/L	-	3	8	≤10	Standard Methods Cor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Con siteY k		-	-	D._	_._-9.0	Standard Methods Cor the E8amination oGWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H CBY	Rayong

Guideline : NotiGcation oGthe Industrial Estate Authority oGThailand No.029/2_6D : *eneral Standards Cor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remarj :
- L4 5 : Limit oG5 etection
- KQK : Lower than L4 \ QLimit oG\ uantitationY / L4 R QLimit oGReportingY
- AnalyteGsY marj ed k is/are not included in scope oGAccreditation IS4 /IEC 1D02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24888541
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 31216f 1-1

Sample Number	2D111f D8-1
Sampled Date	4 ct 0D, 202D 10:f 0 AM
Sample Description	Wastewater
Contract ID	L7CIE700(72f f 8 **Plot** v -12/1A **Site** THAI ESC4 RP LTv .
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Cellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)f days at 20 v egree CY	mg/L	-	2.0	*2.0	≤f 00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 G	Rayong
4 il & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH)on siteY k		-	-	(.D	f .f -9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 6(: General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

RemarQ:
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- <* < : Lower than L4 ")Limit o_" uantitationY / L4 R)Limit o_ReportingY
- Analyte)sY marQed k is/are not included in scope o_Accreditation IS4 /IEC 1(02f .
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24111605

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122D0f -1

Sample Number	2D111670-1
Sampled Date	4 ct 11, 202D 11:10 AM
Sample Description	Wastewater
Contract ID	L(CIE(001(2779 **Plot** v -9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v)7 days at 20 v egree CY	mg/L	-	2.0	* 2.0	≤700	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - 4 G	Rayong
C4 v	mg/L	1.7	27	* 27	≤f 70	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7220 v	Rayong
4 il & Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	f .6	7.7-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong
Total v issol5ed Solids v ried at 180 degree C	mg/L	-	7	1D2	≤3000	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 C	Rayong
Total Suspended Solids v ried at 103-107 degree C	mg/L	-	7	* 7	≤200	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 27D0 v	Rayong

Guideline : Noti ication o_the Industrial Estate Authority o_Thailand No.029/276f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : EQQachai Tuntong ทะเบียนเลขที ว-323-จ-0022 , Pattarapol Sawang"aitam ทะเบียนเลขที ว-20D-จ-0002

RemarQ:
- L4 v : Limit o_v etection
- j * j : Lower than L4 <)Limit o_<uantitationY / L4 R)Limit o_ReportingY
- Analyte)sY marQed k is/are not included in scope o_Accreditation IS4 /IEC 1f 027.
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24111650

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122D0f -2

Sample Number	2D1116G0-1
Sampled Date	4 ct 11, 202D 11:10 AM
Sample Description	Wastewater
Contract ID	L(CIE(001(2GG9 **Plot** v -9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	4 ct 1G, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Lead	mg/L	0.0003	0.000G	0.002	≤0.2	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 312G B,3030 F	Bang7o7

Guideline : Noti ication o_the Industrial Estate Authority o_Thailand No.029/2G6f : *eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : E77achai Tuntong ทะเบียนเลขที ว-323-จ-0022 , Pattarapol Sawangkaitam ทะเบียนเลขที ว-20D-จ-0002

Remar7 :
- L4 v : Limit o_v etection
- \K\ : Lower than L4 j)Limit o_j uantitationO/ L4 R)Limit o_ReportingO
- Analyte)sOmar7ed Q is/are not included in scope o_Accreditation IS4 /IEC 1f 02G.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24777126
v ate Recei5ed : 4 ct 11, 202D
v ate Reported : 4 ct 1f , 202D
Report Number : 3122D93-1

Sample Number	2D11162f -1
Sampled Date	4 ct 11, 202D 10:__ AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G00DG2_66 **Plot**) -60,) 61,) 61B **Site** THAI 4 UTv 4 P4 WER TECHN4 L4 Y(Co.,Ltd.
Date Analysis Commenced	4 ct 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. ZAPHA / USEPAO
Physical Property	(ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Z_ days at 20 v egree CO	mg/L	-	2.0	D.2	≤_00	Standard Methods 7or the Examination o7 Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 Y	Rayong
4 il & Yrease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7 Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon siteO *		-	-	f .2	_._-9.0	Standard Methods 7or the Examination o7 Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H ZBO	Rayong

Guideline : Noti7cation o7 the Industrial Estate Authority o7 Thailand No.029/2_6f : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022

Remark :
- L4 v : Limit o7 v etection
- "<" : Lower than L4 Q ZLimit o7 QuantitationO/ L4 R ZLimit o7 ReportingO
- AnalyteZsOmarked * is/are not included in scope o7 Accreditation IS4 /IEC 1f 02_.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111622
v ate Recei5ed : 4 ct 10, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122D8f -1

Sample Number	2D111622-1
Sampled Date	4 ct 10, 202D 10:D3 AM
Sample Description	Wastewater
Contract ID	L7CIE701172f 60 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	4 ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (f days at 20 v egree C)	mg/L	-	2.0	98.f	≤f 00	Standard Methods _or the EQamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	D	≤10	Standard Methods _or the EQamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH (on site) G		-	-	8.3	f .f -9.0	Standard Methods _or the EQamination o_Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 6* : &eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L4 v : Limit o_ v etection
- "<" : Lower than L4 Q (Limit o_Quantitation) / L4 R (Limit o_Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24111606
v ate Recei5ed : 4ct 09, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D61-1

Sample Number	2D111606-1
Sampled Date	4ct 09, 202D 11:00 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700372_6D **Plot** G-62 **Site** Thai Wp Co.,Ltd.
Date Analysis Commenced	4ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Y_ days at 20 v egree C(	mg/L	-	2.0	29.8	≤_00	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 x	Rayong
4 il O x rease	mg/L	-	3	_	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon site(&		-	-	<9	_._-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part D_00 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_6< : x eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
- L4 v : Limit of v etection
- Q' Q : Lower than L4 k YLimit of k uantitation(/ L4 R YLimit of Reporting(
- AnalyteYs(mar*ed & is/are not included in scope of Accreditation IS4 /IEC 1<02_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24111603
v ate Recei5ed : 4ct 10, 202D
v ate Reported : 4ct 16, 202D
Report Number : 3122D9f -1

Sample Number	2D111630-1
Sampled Date	4ct 10, 202D 11:30 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_00f _2G66 **Plot**).21 **Site** T44LS INTERNATI4NAL YTHAILANv (Co.,Ltd.
Date Analysis Commenced	4ct 10, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v YG days at 20 v egree C(	mg/L	-	2.0	D1.1	≤G00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part G210 B, part DG00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH Yon site(*		-	-	f .1	G.G-9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part DG00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2G6f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L4 v : Limit o7v etection
- "<" : Lower than L4 Q YLimit o7Quantitation(/ L4 R YLimit o7Reporting(
- AnalyteYs(marked * is/are not included in scope o7Accreditation IS4 /IEC 1f 02G.
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111640
Date Received : Oct 09, 2024
Date Reported : Oct 16, 2024
Report Number : 3122f 13-1

Sample Number	24111640-1
Sampled Date	Oct 09, 2024 1:44 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2f 6(**Plot** k.4, k.4A, k.4C **Site** Top Lin) Industrial ZThailand7 Co.,Ltd.
Date Analysis Commenced	Oct 09, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPA7
Physical Property	Blac), a lot o5odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD Zf days at 20 Degree C7	mg/L	-	2.0	26.9	≤f 00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part f 210 B, part 4f 00 - O G	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part f f 20 B	Rayong
pH Zon site7 *		-	-	(.3	f .f -9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4f 00 - H ZB7	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f 6(: General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar) :
- LOD : Limit o5Detection
- "<" : Lower than LOQ ZLimit o5Quantitation7 / LOR ZLimit o5Reporting7
- Analyte Z s7 mar) ed * is/are not included in scope o5Accreditation ISO/IEC 1(02f .
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111516
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122Df f -1

Sample Number	2D11161_-1
Sampled Date	4 ct 09, 202D 10:19 AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G003G2_6_ **Plot** Z-6D **Site** Top LinY Industrial (Thailand) Co.,Ltd.
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. (APHA / USEPA)
Physical Property	Oellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v (_ days at 20 v egree C)	mg/L	-	2.0	39.f	≤_00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - 4 <	Rayong
4 il & <rease	mg/L	-	3	6	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	f .6	_._-9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_6f : <eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

RemarY :
- L4 v : Limit o7v etection
- Q' Q : Lower than L4 k (Limit o7k uantitation) / L4 R (Limit o7Reporting)
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24888915
v ate Recei5ed : 4 ct 09, 202D
v ate Reported : 4 ct 16, 202D
Report Number : 3122DDf -1

Sample Number	2D111f 98-1
Sampled Date	4 ct 09, 202D 2:3_ PM
Sample Description	Wastewater
Contract ID	LGWHA **Plot**) -f f v **Site** Ultimate Springs YThailand(Co.,Ltd. CIE1G006G2f 63
Date Analysis Commenced	4 ct 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v Yf days at 20 v egree C(	mg/L	-	2.0	88._	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - 4 &	Rayong
4 il x &rease	mg/L	-	3	_	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(<		-	-	6._	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 6_ : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remar* :
- L4 v : Limit o7v etection
- Q' Q : Lower than L4 k YLimit o7k uantitation(/ L4 R YLimit o7Reporting(
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24111566
v ate Recei5ed : 4 ct 0D, 202D
v ate Reported : 4 ct 10, 202D
Report Number : 3121f 19-1

Sample Number	2D111V66-1
Sampled Date	4 ct 0D, 202D 9:VV AM
Sample Description	Wastewater
Contract ID	L(CIE(023(2VV0 **Plot** F-9 **Site**) an Leeuwen Pipe and Tube YThailandOLtd.
Date Analysis Commenced	4 ct 0D, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser5ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 v YV days at 20 v egree CO	mg/L	-	2.0	V0.8	≤V00	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part V210 B, part DV00 - 4 G	Rayong
4 il 7 Grease	mg/L	-	3	9	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part V20 B	Rayong
pH Yon siteO *		-	-	f .f	V.V-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DV00 - H YBO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2V6f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-0030

Remark :
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- "<" : Lower than L4 Q YLimit o_QuantitationO/ L4 R YLimit o_ReportingO
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No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24111619
5ate Receif ed : 4ct 0D, 202v
5ate Reported : 4ct 1_, 202v
Report Number : 3122v81-1

Sample Number	2v111619-1
Sampled Date	4ct 0D, 202v 11:06 AM
Sample Description	Wastewater
Contract ID	L(WHA CIE1(006(2_6_ **Plot** B-10C **Site**) -SACHET Co.,Ltd.
Date Analysis Commenced	4ct 0D, 202v
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserf ation standards. YAPHA / USEPAO
Physical Property	xellow, a lot oVodour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B4 5 Y_ days at 20 5egree CO	mg/L	-	2.0	39.9	≤_00	Standard Methods Vor the E&amination oVWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part _210 B, part v_00 - 4 G	Rayong
4il 7 Grease	mg/L	-	3	D	≤10	Standard Methods Vor the E&amination oVWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	D.6	_.-9.0	Standard Methods Vor the E&amination oVWater and Wastewater. APHA, AWWA 7 WEF, 2vth ed., 2023, part v_00 - H YBO	Rayong

Guideline : NotiVcation oVthe Industrial Estate Authority oVThailand No.029/2_6D : General Standards Vor Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :
- L45 : Limit oV5etection
- "<" : Lower than L4Q YLimit oVQuantitationO/ L4R YLimit oVReportingO
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123993
v ate Receiued : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150856-1

Sample Number	2D123993-1
Sampled Date	No4 13, 202D 1:26 PM
Sample Description	Wastewater
Contract ID	Lf WHA CIE1f 009f 256D **Plot** Z.55B **Site** A_RI SKRUP INv USTRK OTHAILANv GCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	Kellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree CG	mg/L	-	2.0	5D.2	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (_	Rayong
(il Y _rease	mg/L	-	3	x 3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteG &		-	-	6.9	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H QBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256< : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
- L(v : Limit o7v etection
- "x" : Lower than L(Q QLimit o7QuantitationG/ L(R QLimit o7ReportingG
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123991
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 315070D-1

Sample Number	2D123991-1
Sampled Date	No4 13, 202D 1:28 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_256D **Plot** (-55K **Site** AKRI SORUP INv USTRO GTHAILANv Z Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. GAPHA / USEPAZ
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v G5 days at 20 v egree CZ	mg/L	-	2.0	167	≤500	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) K	Rayong
) il x Krease	mg/L	-	3	&3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Gon siteZ <		-	-	5.8	5.5-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H GBZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : Keneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
- L) v : Limit of v etection
- "&" : Lower than L) Q OLimit of QuantitationZ/ L) R OLimit of ReportingZ
- AnalyteGZ marked < is/are not included in scope of Accreditation IS) /IEC 17025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123992
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150852-1

Sample Number	2D123992-1
Sampled Date	No4 13, 202D 1:30 PM
Sample Description	Wastewater
Contract ID	Lf WHA CIE1f 008f 256D **Plot** Z-55H **Site** A_RI SKRUP INv USTRK OTHAILANv GCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	Kellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree CG	mg/L	-	2.0	30.2	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (_	Rayong
(il Y _rease	mg/L	-	3	x 3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteG &		-	-	6.<	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H QBG	Rayong

Guideline : Notiᶎcation o7the Industrial Estate Authority o7Thailand No.029/256< : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
- L(v : Limit o7v etection
- "x " : Lower than L(Q OLimit o7QuantitationG/ L(R OLimit o7ReportingG
- AnalyteQGmarked & is/are not included in scope o7Accreditation IS(/IEC 1<025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123999
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150868-1

Sample Number	2D123999-1
Sampled Date	No4 13, 202D 11:06 AM
Sample Description	Wastewater
Contract ID	Lf WHA **Plot** Z-59B **Site** AIR INTERNATI_ NAL THERMAL SKSTEMS OTHAILANv GLIMITEv
	CIE1f 00Df 2565
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	Kellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B_v O5 days at 20 v egree CG	mg/L	-	2.0	D2.9	≤500	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - _ Y	Rayong
_il) Yrease	mg/L	-	3	8	≤10	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qbn siteG x		-	-	8.0	5.5-9.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H QBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256& : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Remar* :
- L_v : Limit o7v etection
- Q'Q : Lower than L_k QLimit o7k uantitationG/ L_R QLimit o7ReportingG
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124000
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150869-1

Sample Number	2D12D000-1
Sampled Date	No4 13, 202D 11:09 AM
Sample Description	Wastewater
Contract ID	Lf WHA **Plot** Z-59C **Site** AIR INTERNATI_ NAL THERMAL SKSTEMS OTHAILANv GLIMITEv
	CIE1f 005f 2565
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	Kellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B_v O5 days at 20 v egree CG	mg/L	-	2.0	35.6	≤500	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - _ Y	Rayong
_il) Yrease	mg/L	-	3	6	≤10	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qbn siteG x		-	-	&&	5.5-9.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H QBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256& : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan <inunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
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- Q'Q : Lower than L_k QLimit o7k uantitationG/ L_R QLimit o7ReportingG
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124001

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150870-1

Sample Number	2D12D001-1
Sampled Date	No4 13, 202D 11:00 AM
Sample Description	Wastewater
Contract ID	L_CIE_007_2560 **Plot** (-59v **Site** AIR INTERNATIK NAL THERMAL SOSTEMS GTHAILANv ZLIMITEv
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. GAPHA / USEPAZ
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BKv G5 days at 20 vegree CZ	mg/L	-	2.0	72.7	≤500	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - K x	Rayong
Kil Y xrease	mg/L	-	3	5	≤10	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Gon siteZ &		-	-	7.7	5.5-9.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H GBZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : xeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan <inunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
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TESTING
No.0042

Lot ID: 24123968

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 315050D-1

Sample Number	2D123968-1
Sampled Date	No4 13, 202D 1:10 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 008f 2558 **Plot** _-55E **Site** Analog City
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. KAPHA / USEPAO
Physical Property	Gellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZv K5 days at 20 vegree CO	mg/L	-	2.0	61.9	≤500	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - Z Y	Rayong
Zil) Yrease	mg/L	-	3	6	≤10	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Kon siteO x		-	-	8.2	5.5-9.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H KBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256&: Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Remar* :
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- Q Q : Lower than LZk KLimit o7kuantitationO/ LZR KLimit o7ReportingO
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123931
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150290-1

Sample Number	2D123931-1
Sampled Date	No4 12, 202D 9:D5 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2557 **Plot** B-10B **Site** Anstac (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	51.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123949
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150392-1

Sample Number	2D1239D9-1
Sampled Date	No4 11, 202D 11:09 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2558 **Plot** A-08C **Site** Asahi v iamond 7Thailand(Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	120	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Y il x &rease	mg/L	-	3	D	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(G		-	-	6.8	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LY Q 7Limit of Quantitation(/ LYR 7Limit of Reporting(
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No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124011
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150885-1

Sample Number	2D12D011-1
Sampled Date	No4 12, 202D 9:33 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2566 **Plot** B11-B **Site** ASMECH TECHN7 L7 ( ) YTHAILANv OC7 MPAN) LIMITEv
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 v Y5 days at 20 v egree CO	mg/L	-	2.0	35.5	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - 7 (	Rayong
7 il & (rease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Yon siteO G		-	-	*.*	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than L7 Q YLimit of QuantitationO/ L7 R YLimit of ReportingO
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123990
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150f 03-1

Sample Number	2D123990-1
Sampled Date	No4 12, 202D 3:58 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE170057256D **Plot** C-01 **Site** ATEN C(MPUTER PR(v UCT Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v)5 days at 20 v egree CY	mg/L	-	2.0	f 9.D	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY k		-	-	f .8	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24125933
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D2D-1

Sample Number	2D123955-1
Sampled Date	No4 12, 202D 2:36 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2550 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	16.D	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Yil x &rease	mg/L	-	3	G3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(*		-	-	k.3	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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- <G< : Lower than LY" 7Limit of " uantitation(/ LY R 7Limit of Reporting(
- Analyte7s(marQed * is/are not included in scope of Accreditation ISY/IEC 1k025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24824491
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150908-1

Sample Number	2D12DD98-1
Sampled Date	No4 13, 202D 9:D2 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	73.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
COv	mg/L	1.5	25	2D7	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5220 v	Rayong
Color (at Original pH)	Av MI	-	5	79	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	Av MI	-	5	76	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong
Temperature *	v egree C	-	-	29.5	≤D5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2550 B	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	3D0	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24824491
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150908-1

Sample Number	2D12DD98-1
Sampled Date	No4 13, 202D 9:D2 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation 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							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	6D.9	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500-Norg (C), part NH3 (v)	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	25	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling v y : Suphanat Sakulk ทะเบียนเลขที่ค -323-ว-0021

Remark :
- LOv : Limit of v etection
- "<" : 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.

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124498
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150908-2

Sample Number	2D12DD98-1
Sampled Date	No4 13, 202D 9:D2 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Office
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation 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							
Flow rate	m3/s	-	-	No Velocity	No Standard	Flow meter	Rayong
Odour		-	-	Odour	No Standard	TIS, 257-25D9	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124512

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150913-1

Sample Number	2D12D512-1
Sampled Date	No4 13, 202D 9:D9 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v (5 days at 20 v egree C)	mg/L	-	2.0	5.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y G	Rayong
CY v	mg/L	1.5	25	38	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5220 v	Rayong
Color (at Y riginal pH)	Av MI	-	5	10	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	Av MI	-	5	8	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2120 F	Rayong
Y il & Grease	mg/L	-	3	* 3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong
Residual Free Chlorine k	mg/L	-	0.1	* 0.1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500-Cl (F)	Rayong
Temperature k	v egree C	-	-	29.5	≤D5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2550 B	Rayong

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124512

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150913-1

Sample Number	2D12D512-1
Sampled Date	No4 13, 202D 9:D9 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2559 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	11DD	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 C	Rayong
Total Q eldahl Nitrogen as N	mg/L	-	1.0	1.9	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500-Norg (C), part NH3 (v)	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	10	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat Saj ulj ทะเบียนเลขที่ค -323-ว-0021

Remarj :
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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124512
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150913-2

Sample Number	2D12D512-1
Sampled Date	No4 13, 202D 9:D9 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 003f 2559 **Plot** A **Site** B. _rimm Power GWHA(1 Limited.
Location	Process
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation standards GAPHA, USEPA(
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.01Y	No Standard	Flow meter	Rayong
Odour		-	-	Odourless	No Standard	TIS, 25Y-25D9	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256Y : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
- LOv : Limit o7v etection
- "<" : Lower than LOQ GLimit o7Quantitation(/ LOR GLimit o7Reporting(

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124041
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 31506D6-1

Sample Number	2D12D0D1-1
Sampled Date	No4 13, 202D 9:25 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 002f 2555 **Plot** O-68 **Site** BHN _THAILANv K Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. _APHA / USEPAK
Physical Property	Gellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZv _5 days at 20 v egree CK	mg/L	-	2.0	5.9	≤500	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - Z Y	Rayong
CZv	mg/L	1.5	25	26	≤x50	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5220 v	Rayong
Zil) Yrease	mg/L	-	3	&3	≤10	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH _on siteK <		-	-	8.0	5.5-9.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H _BK	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	&5	≤200	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256x : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
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- "&" : Lower than LZQ _Limit o7QuantitationK/ LZR _Limit o7ReportingK
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124510
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150892-1

Sample Number	2D12D015-1
Sampled Date	No4 13, 202D 3:28 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_256G **Plot** Y.9,Y.10,Y.11,Y.12 **Site** BNSS STEEL (R) UP C) MPANO LIMITEv
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. xAPHA / USEPA&
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v x5 days at 20 v egree C&	mg/L	-	2.0	68.0	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5210 B, part D500 -) (	Rayong
) il * (rease	mg/L	-	3	8	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH xon site& k		-	-	G.6	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D500 - H xB&	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที ว-323-จ-0021

Remarj :
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- Analytexs&marj ed k is/are not included in scope of Accreditation IS) /IEC 1G025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124033
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150659-1

Sample Number	2D12D033-1
Sampled Date	No4 12, 202D 10:D1 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2550 **Plot** B-5 **Site** Boncafe 7Thailand(Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	38.0	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Yil x &rease	mg/L	-	3	G3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(*		-	-	k.6	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	8	≤200	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- LY v : Limit of v etection
- <G< : Lower than LY" 7Limit of " uantitation(/ LYR 7Limit of Reporting(
- Analyte7s(marQed * is/are not included in scope of Accreditation ISY/IEC 1k025.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24125953

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150318-1

Sample Number	2D123935-1
Sampled Date	No4 12, 202D 10:2_ AM
Sample Description	Wastewater
Contract ID	L7CIE70097255_ **Plot** B-0D **Site** Castool Tooling systems
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	9.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	_.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123978

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150666-1

Sample Number	2D1239_8-1
Sampled Date	No4 12, 202D 3:05 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700172563 **Plot** v.13/1,v.13/3(A) **Site** Chonburi Clean Energy Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	D.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	_.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123965
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D89-1

Sample Number	2D123965-1
Sampled Date	No4 13, 202D 2:56 PM
Sample Description	Wastewater
Contract ID	L7CIE702872550 **Plot** Y-D8 **Site** Coil Tech Steel _ThailandGCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. _APHA / USEPAG
Physical Property	(ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v _5 days at 20 v egree CG	mg/L	-	2.0	3.5	≤500	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 5210 B, part D500 -) x	Rayong
) il O x rease	mg/L	-	3	&3	≤10	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH _on siteG <		-	-	8.6	5.5-9.0	Standard Methods for the EZamination of Water and Wastewater. APHA, AWWA O WEF, 2Dth ed., 2023, part D500 - H _BG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : x eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- L) v : Limit of v etection
- "&" : Lower than L) Q _Limit of QuantitationG/ L) R _Limit of ReportingG
- Analyte_sGmarked < is/are not included in scope of Accreditation IS) /IEC 1*025.
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123941
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31503Df -1

Sample Number	2D1239D1-1
Sampled Date	No4 12, 202D 11:08 AM
Sample Description	Wastewater
Contract ID	L(CIE(00D(2550 **Plot** E-5 **Site** v ai_u)u CThailandx Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. CAPHA / USEPAx
Physical Property	Blac), a lot o_odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&v C5 days at 20 v egree Cx	mg/L	-	2.0	110	≤500	Standard Methods _or the E7amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5210 B, part D500 - & <	Rayong
&il G <rease	mg/L	-	3	6	≤10	Standard Methods _or the E7amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Cpn sitex *		-	-	f .6	5.5-9.0	Standard Methods _or the E7amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D500 - H CBx	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : <eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa)ul) ทะเบียนเลขที่ ว-323-จ-0021

Remar) :
- L&v : Limit o_v etection
- Q' Q : Lower than L&k CLimit o_k uantitationx / L&R CLimit o_Reportingx
- AnalyteCx mar)ed * is/are not included in scope o_Accreditation IS&/IEC 1f 025.
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TESTING
No.0042

Lot ID: 24721391

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 315053D-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number 2D1239f 3-1
Sampled Date No4 13, 202D 9:36 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_00D_2562 **Plot** G.6f **Site** v T Wiring Systems KThailandOCo.,Ltd.
Date Analysis Commenced No4 13, 202D
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. KAPHA / USEPAO
Physical Property Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v K5 days at 20 v egree CO	mg/L	-	2.0	31.f	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (x	Rayong
(il Y x rease	mg/L	-	3	3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Kon siteO &		-	-	f .D	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H KBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : x eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan <inunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
- L(v : Limit o7v etection
- Q' Q : Lower than L(k KLimit o7k uantitationO/ L(R KLimit o7ReportingO
- AnalyteK%Omar*ed & is/are not included in scope o7Accreditation IS(/IEC 1f 025.
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TESTING
No.0042

Lot ID: 24123975

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150623-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Sample Number 2D1239f 5-1
Sampled Date No4 13, 202D 9:D5 AM
Sample Description Wastewater
Contract ID L_WHA CIE1_006_2562 **Plot** Z.52 **Site** v TS v raeKlmaier Automoti4e Systems CThailandGCo.,Ltd.
Date Analysis Commenced No4 13, 202D
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property (ellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v C5 days at 20 v egree CG	mg/L	-	2.0	18D	≤500	Standard Methods 7or the EKamination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 -) x	Rayong
) il Y x rease	mg/L	-	3	D	≤10	Standard Methods 7or the EKamination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteG &		-	-	8.3	5.5-9.0	Standard Methods 7or the EKamination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H QBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : x eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan <inunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
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- Q' Q : Lower than L) k QLimit o7k uantitationG/ L) R QLimit o7ReportingG
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125923
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150255-1

Sample Number	2D123925-1
Sampled Date	No4 11, 202D 10:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_005_2550 **Plot** A-1 **Site** v usholu7 (Siam) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	10.3	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - O &	Rayong
Oil x &rease	mg/L	-	3	G3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	k.9	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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- <G< : Lower than LO" (Limit of " uantitation) / LOR (Limit of Reporting)
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123966
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D9D-1

Sample Number	2D123966-1
Sampled Date	No4 13, 202D 3:01 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 00_f 2550 **Plot** (-D9 **Site** EBRG Oal4es VThailandZ Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. VAPHA / USEPAZ
Physical Property	) ellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGv V5 days at 20 v egree CZ	mg/L	-	2.0	1D0	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - G &	Rayong
Gil x &rease	mg/L	-	3	10	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Von siteZ <		-	-	_.3	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H VBZ	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256_ : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- jQj : Lower than LGk VLimit o7k uantitationZ / LGR VLimit o7ReportingZ
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24829133
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150f 01-1

Sample Number	2D123988-1
Sampled Date	No4 12, 202D 10:05 AM
Sample Description	Wastewater
Contract ID	LXWHA **Plot** B6-A **Site** ENR(Limited
	CIE1X002X256D
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and a lot o_turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	29.8	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x G	Rayong
x il 7 Grease	mg/L	-	3	3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	f .6	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- Lx v : Limit o_v etection
- "<" : Lower than Lx Q)Limit o_QuantitationY/ Lx R)Limit o_ReportingY
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No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124008
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150880-1

Sample Number	2D12D008-1
Sampled Date	No4 13, 202D 11:12 AM
Sample Description	Wastewater
Contract ID	Lf WHA **Plot** G-59E **Site** FES _ RAKSOAR ELECTRONICS Co.,Ltd.
	CIE1f 003f 2566
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. ZAPHA / USEPA(
Physical Property	Kellow, a lot o7odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv Z5 days at 20 v egree C(	mg/L	-	2.0	x 2.0	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA _ WEF, 2Dth ed., 2023, part 5210 B, part D500 - O Y	Rayong
Oil _ Yrease	mg/L	-	3	x 3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA _ WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Zon site(&		-	-	<<	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA _ WEF, 2Dth ed., 2023, part D500 - H ZB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256< : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
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- "x " : Lower than LOQ ZLimit o7Quantitation(/ LOR ZLimit o7Reporting(
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24721392
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150525-1

Sample Number	2D1239f 2-1
Sampled Date	No4 13, 202D 11:2D AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2562 **Plot** G.59F **Site** FES International KThailandOCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. KAPHA / USEPAO
Physical Property	Zellow, a lot o7odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v K5 days at 20 v egree CO	mg/L	-	2.0	1f .1	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (x	Rayong
(il Y x rease	mg/L	-	3	&3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH K on siteO <		-	-	f .6	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H KBO	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : x eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
- L(v : Limit o7v etection
- "&" : Lower than L(Q KLimit o7QuantitationO/ L(R KLimit o7ReportingO
- AnalyteK%Omarked < is/are not included in scope o7Accreditation IS(/IEC 1f 025.
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TESTING
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24721339
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150863-1

Sample Number	2D12399f -1
Sampled Date	No4 13, 202D 11:20 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2565 **Plot** K-59O **Site** FES International Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. GAPHA / USEPAZ
Physical Property	(ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v G5 days at 20 v egree CZ	mg/L	-	2.0	3D.5	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) O	Rayong
) il x Orease	mg/L	-	3	&3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH G on siteZ <		-	-	f .3	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H GBZ	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : Oeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
- L) v : Limit o7v etection
- "&" : Lower than L) Q GLimit o7QuantitationZ/ L) R GLimit o7ReportingZ
- AnalyteG%Zmarked < is/are not included in scope o7Accreditation IS) /IEC 1f 025.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123950

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150395-1

Sample Number	2D123950-1
Sampled Date	No4 12, 202D 10:D_ AM
Sample Description	Wastewater
Contract ID	L7CIE701172558 **Plot** B-6 **Site** FRASERS PR(PERT) THAILANv INv USTRIAL FREEH(Lv Y LEASEH(Lv REIT
Location	บริษัท ควอซาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAx
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree Cx	mg/L	-	2.0	96.5	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il Y Grease	mg/L	-	3	5	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH O0n sitex *		-	-	_.8	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H O8x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
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- "<" : Lower than L(Q Qimit of Quantitationx / L(R Qimit of Reportingx
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124550

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 31508f f-1

Sample Number	2D12D005-1
Sampled Date	No4 11, 202D 3:0D PM
Sample Description	Wastewater
Contract ID	L7CIE70117255f **Plot** v-1 **Site** FRASERS PR(PERT) THAILANv INv USTRIAL FREEH(Lv Y LEASEH(Lv REIT
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAx
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree Cx	mg/L	-	2.0	21.D	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il Y Grease	mg/L	-	3	*3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH O0n sitex k		-	-	f.2	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H O8x	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- L(v : Limit o_v etection
- <* < : Lower than L(" QLimit o_" uantitationx / L(R QLimit o_Reportingx
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123943
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 315035f -1

Sample Number	2D1239D3-1
Sampled Date	No4 11, 202D 2:58 PM
Sample Description	Wastewater
Contract ID	L7CIE70107255f **Plot** v -2 **Site** FRASERS PR(PERT) THAILANv INv USTRIAL FREEH(Lv Y LEASEH(Lv REIT
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAx
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree Cx	mg/L	-	2.0	10.3	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il Y Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qbn sitex k		-	-	f .D	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H QBx	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ :
- L(v : Limit o_v etection
- <* < : Lower than L(" QLimit o_" uantitationx / L(R QLimit o_Reportingx
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123946
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150368-1

Sample Number	2D1239D6-1
Sampled Date	No4 12, 202D 11:2_ AM
Sample Description	Wastewater
Contract ID	L7CIE700D72558 **Plot** v -6 **Site** FRASERS PR(PERT) THAILANv INv USTRIAL FREEH(Lv Y LEASEH(Lv REIT
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree Cx	mg/L	-	2.0	_5.1	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il Y Grease	mg/L	-	3	3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qbn sitex *		-	-	_.8	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H QBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124014
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150889-1

Sample Number	2D12D01D-1
Sampled Date	No4 12, 202D 11:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE701372558 **Plot** v-_ **Site** FRASERS PR(PERT) THAILANv INv USTRIAL FREEH(Lv Y LEASEH(Lv REIT
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAx
Physical Property	)ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree Cx	mg/L	-	2.0	6.5	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il Y Grease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Obn sitex k		-	-	8.1	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H OBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L(v : Limit of v etection
- <* < : Lower than L(" QLimit of " uantitationx / L(R QLimit of Reportingx
- AnalyteQx marQed k is/are not included in scope of Accreditation IS(/IEC 1_025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123968
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150696-1

Sample Number	2D123986-1
Sampled Date	No4 12, 202D 11:19 AM
Sample Description	Wastewater
Contract ID	L_CIE_01D_2558 **Plot** v-8 **Site** FRASERS PR7 PERT(THAILANv INv USTRIAL FREEH7 Lv) LEASEH7 Lv REIT
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. YAPHA / USEPAO
Physical Property	(ellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B7 v Y5 days at 20 v egree CO	mg/L	-	2.0	29.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - 7 &	Rayong
7 il) &rease	mg/L	-	3	G3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Yon siteO *		-	-	k.k	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L7 v : Limit of v etection
- <G< : Lower than L7 " YLimit of " uantitationO/ L7 R YLimit of ReportingO
- AnalyteY&OmarQed * is/are not included in scope of Accreditation IS7 /IEC 1k025.
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125939
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150DD8-1

Sample Number	2D123959-1
Sampled Date	No4 13, 202D 10:59 AM
Sample Description	Wastewater
Contract ID	L7CIE700_72556 **Plot**) -13 **Site** FRASERS PRGPERTY THAILANv INv USTRIAL FREEHGLv (LEASEHGLv REIT
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGv Z5 days at 20 v egree CO	mg/L	-	2.0	23.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part 5210 B, part D500 - G &	Rayong
Gil (&rease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Zon siteO *		-	-	_.D	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part D500 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LGQ ZLimit of QuantitationO/ LGR ZLimit of ReportingO
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24829139
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31506f 6-1

Sample Number	2D123983-1
Sampled Date	No4 12, 202D 10:52 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1701172563 **Plot** B-f **Site** (lory Winner)ThailandY Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	50.6	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5210 B, part D500 - x (	Rayong
x il G (rease	mg/L	-	3	3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	f .9	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : (eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- Lx v : Limit o_v etection
- "<" : Lower than Lx Q)Limit o_QuantitationY/ Lx R)Limit o_ReportingY
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123942
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150353-1

Sample Number	2D1239D2-1
Sampled Date	No4 13, 202D 10:38 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2550 **Plot** M-1 **Site** 7low IPP Co.,Ltd.
Location	(ffice
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v)5 days at 20 v egree CY	mg/L	-	2.0	19.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - (7	Rayong
(il & 7rease	mg/L	-	3	G3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	k.k	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24829132
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 31506f 5-1

Sample Number	2D123982-1
Sampled Date	No4 11, 202D 10:02 AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G010G2563 **Plot** BC **Site** Hardware (ing Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CO	mg/L	-	2.0	k 2.0	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteO j		-	-	6.2	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : *eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที ว-323-จ-0021

Remar\ :
- Lx v : Limit o_v etection
- QcQ : Lower than Lx K)Limit o_KuantitationO/ Lx R)Limit o_ReportingO
- Analyte)sOmar\ed j is/are not included in scope o_Accreditation ISx /IEC 1f 025.
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123978
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150698-1

Sample Number	2D12398_-1
Sampled Date	No4 11, 202D 2:D_ PM
Sample Description	Wastewater
Contract ID	L7WHA CIE170017256D **Plot** B-8 **Site** HI-Plus Import-E(port Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	18.1	≤500	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - x G	Rayong
x il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY k		-	-	_.D	5.5-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124044
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 315065D-1

Sample Number	2D12D0DD-1
Sampled Date	No4 13, 202D 10:09 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials 7Thailand(Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	18.2	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Yil x &rease	mg/L	-	3	3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(G		-	-	*.3	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	*6D	≤3000	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 25D0 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021 , Pattarapol SawangQitam ทะเบียนเลขที ว-20D-จ-0002

Remark :
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TESTING
No.0009

Lot ID: 24124044

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 315065D-2

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Sample Number	2D12D0DD-1
Sampled Date	No4 13, 202D 10:09 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.0D	7 1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256≤ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

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TESTING
No.0042

Lot ID: 24123985

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150692-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Sample Number	2D123985-1
Sampled Date	No4 13, 202D 10:2f AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_016_2563 **Plot** Z-63 **Site** ImanaKa OThailandGCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v O5 days at 20 v egree CG	mg/L	-	2.0	81.1	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) &	Rayong
) il x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Obn siteG <		-	-	f .2	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H OBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

RemarK :
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- Q' Q : Lower than L) k OLimit o7k uantitationG/ L) R OLimit o7ReportingG
- AnalyteGGmarKed < is/are not included in scope o7Accreditation IS) /IEC 1f 025.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123929
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150280-1

Sample Number	2D123929-1
Sampled Date	No4 11, 202D 11:0D AM
Sample Description	Wastewater
Contract ID	L_CIE_012_2550 **Plot** A-7 **Site** In-Season Foods Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	87.D	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124040
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31506D3-1

Sample Number	2D12D0D0-1
Sampled Date	No4 12, 202D 3:31 PM
Sample Description	Wastewater
Contract ID	L_CIE_002_2558 **Plot** M-2 **Site** Insee Ecocycle Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	BlacO, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v (5 days at 20 v egree C)	mg/L	-	2.0	9D.3	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x G	Rayong
Cx v	mg/L	1.5	25	238	≤<50	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5220 v	Rayong
x il 7 Grease	mg/L	-	3	5	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	<6	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	D5	≤200	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256< : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulO ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125932
Date ReceiJed : NoJ 12, 2024
Date Reported : NoJ 18, 2024
Report Number : 31v0404-1

Sample Number	241239v2-1
Sampled Date	NoJ 12, 2024 10:09 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 012f 2v60 **Plot** B-6E **Site** 7ungheinrich Li3t Truc_ Co.,Ltd.
Date Analysis Commenced	NoJ 12, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserJation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (v days at 20 Degree C)	mg/L	-	2.0	40.0	≤v00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part v210 B, part 4v00 - O G	Rayong
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part vv20 B	Rayong
pH (on site) *		-	-	k.6	v.v-9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4v00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2v6k : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa_ul_ ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124032
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D73-1

Sample Number	2D12D032-1
Sampled Date	No4 13, 202D 10:D9 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2561 **Plot** Z.18 **Site** KIMSONG ARTIWOOv Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	35.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Formaldehyde	mg/L	0.03	0.1	0.1	≤1	Wastewater analysis manual, En4ironmental Engineering Association of Thailand, Dth ed.,200D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24123967

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150500-1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Sample Number	2D12396f -1
Sampled Date	No4 13, 202D 10:56 AM
Sample Description	Wastewater
Contract ID	L_CIE_016_255f **Plot** Z-59A **Site** Kintetsu Logistics CThailandGCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. CAPHA / USEPAG
Physical Property	(ellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v C5 days at 20 v egree CG	mg/L	-	2.0	D9.1	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) &	Rayong
) il x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH C0n siteG <		-	-	f .5	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H C0G	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256f : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan Kinunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
- L) v : Limit o7v etection
- Q? Q : Lower than L) k Q0imit o7k uantitationG/ L) R Q0imit o7ReportingG
- AnalyteC3Gmar*ed < is/are not included in scope o7Accreditation IS) /IEC 1f 025.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123932

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 315029f -1

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Sample Number	2D123932-1
Sampled Date	No4 12, 202D 9:3D AM
Sample Description	Wastewater
Contract ID	LGCIEG001G2556 **Plot** B-11C **Site** (uriyama)ThailandOCo.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CO	mg/L	-	2.0	39.9	≤500	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x *	Rayong
x il 7 *rease	mg/L	-	3	5	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteO k		-	-	f .6	5.5-9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : *eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

Remarj :
- Lx v : Limit o_v etection
- KQK : Lower than Lx \ )Limit o_\ uantitationO/ Lx R)Limit o_ReportingO
- Analyte)sOmarj ed k is/are not included in scope o_Accreditation ISx /IEC 1f 025.
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TESTING
No.0042

Lot ID: 24124042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 31506D8-1

Sample Number	2D12D0D2-1
Sampled Date	No4 13, 202D 2:31 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 020f 2550 **Plot** G-3 **Site** _yoden KThailandOCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. KAPHA / USEPAO
Physical Property	Zellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v K5 days at 20 v egree CO	mg/L	-	2.0	16.8	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (x	Rayong
(il Y x rease	mg/L	-	3	&3	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Kon siteO <		-	-	*.1	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H KBO	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	D20	≤3000	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 25D0 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256* : x eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawang@itam ทะเบียนเลขที ว-20D-จ-0002

Remark :
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- j&j : Lower than L(" KLimit o7" uantitationO/ L(R KLimit o7ReportingO
- Analyte%Omarked < is/are not included in scope o7Accreditation IS(/IEC 1*025.
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 31506D8-2

Sample Number	2D12D0D2-1
Sampled Date	No4 13, 202D 2:31 PM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.39	k 2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang7o7
Nic7el	mg/L	0.0003	0.0005	0.0005	k 1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang7o7

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256≤ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa7ul7 ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-20D-จ-0002

Remar7 :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124043

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150650-1

Sample Number	2D12D0D3-1
Sampled Date	No4 13, 202D 2:35 PM
Sample Description	Wastewater
Contract ID	Lf CIEf 021f 2550 **Plot** G-6 **Site** _yoden KThailandOCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation standards KAPHA, USEPAO
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v K5 days at 20 v egree CO	mg/L	-	2.0	26.8	≤500	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (x	Rayong
(il Y x rease	mg/L	-	3	5	≤10	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Kon siteO &		-	-	<.3	5.5-9.0	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H KBO	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	10D	≤3000	Standard Methods 7or the E)amination o7Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 25D0 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256< : x eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangkaitam ทะเบียนเลขที ว-20D-จ-0002

Remar* :
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- "j " : Lower than L(Q KLimit o7QuantitationO/ L(R KLimit o7ReportingO
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124043

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150650-2

Sample Number	2D12D0D3-1
Sampled Date	No4 13, 202D 2:35 PM
Sample Description	Wastewater
Contract ID	L_CIE_021_2550 **Plot** Z-6 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preser4ation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.0≤	k 2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang7o7
Nic7el	mg/L	0.0003	0.0005	0.001	k 1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang7o7

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256≤ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa7ul7 ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-20D-จ-0002

Remar7 :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125931
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150398-1

Sample Number	2D123951-1
Sampled Date	No4 12, 202D 10:01 AM
Sample Description	Wastewater
Contract ID	L_CIE_013_255G **Plot** B-6B **Site** (yowa SS)ThailandOCo.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CO	mg/L	-	2.0	38.8	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteO j		-	-	G.5	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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- Qk Q : Lower than Lx K)Limit of K uantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmar\ed j is/are not included in scope of Accreditation ISx /IEC 1GQ25.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124019
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150898-1

Sample Number	2D12D019-1
Sampled Date	No4 11, 202D 2:23 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2567 **Plot** B.12C **Site** MARU (lobal Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	107	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5210 B, part D500 - x (	Rayong
x il G (rease	mg/L	-	3	6	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	7.6	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than Lx Q)Limit of QuantitationY/ Lx R)Limit of ReportingY
- Analyte)sY marked * is/are not included in scope of Accreditation ISx /IEC 17025.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124660
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31508f 9-1

Sample Number	2D12D006-1
Sampled Date	No4 12, 202D 2:13 PM
Sample Description	Wastewater
Contract ID	LXWHA **Plot** F-1D **Site** MA(METAL INTERNATI) NAL C) MPANY LIMITEv CIE1X001X2566
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. CAPHA / USEPAx
Physical Property	Yellow, a lot o_odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v C5 days at 20 v egree Cx	mg/L	-	2.0	68.3	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 -) G	Rayong
) il 7 Grease	mg/L	-	3	6	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH C0n sitex *		-	-	f .D	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H C3x	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than L) Q C0limit o_Quantitationx / L) R C0limit o_Reportingx
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123970
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150513-1

Sample Number	2D123970-1
Sampled Date	No4 13, 202D 11:22 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2560 **Plot** (.57 **Site** Muntons Ingredients CThailandY Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZv C5 days at 20 v egree CY	mg/L	-	2.0	18.0	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH G0n siteY *		-	-	7.7	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H C3Y	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LZv : Limit of v etection
- "<" : Lower than LZ Q C0limit of QuantitationY / LZ R C0limit of ReportingY
- AnalyteC3Y marked * is/are not included in scope of Accreditation ISZ/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISZ/IEC 17025.

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123944

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150361-1

Sample Number	2D1239DD-1
Sampled Date	No4 12, 202D 3:D8 PM
Sample Description	Wastewater
Contract ID	L_CIE_012_2557 **Plot** C-2,3,D **Site** Na(agawa Special Steel)ThailandY Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	29.9	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5210 B, part D500 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY Q		-	-	7.8	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
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- ⊀k < : Lower than Lx ")Limit of " uantitationY / Lx R)Limit of ReportingY
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TESTING
No.0042

Lot ID: 24124010

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150883-1

Sample Number	2D12D010-1
Sampled Date	No4 13, 202D 3:33 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2566 **Plot** O2 **Site** NAMG(N) TERMINAL PUBLIC C(MPANG LIMITEv
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. YAPHA / USEPAx
Physical Property	Gellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v Y5 days at 20 v egree Cx	mg/L	-	2.0	16.3	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - ( )	Rayong
(il 7) rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Yon sitex k		-	-	j .D	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H Y8x	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256j :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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- Q* Q : Lower than L(K YLimit of K uantitationx / L(R YLimit of Reportingx
- AnalyteYsx mar\ed k is/are not included in scope of Accreditation IS(/IEC 1j 025.
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124018
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 315089f -1

Sample Number	2D12D018-1
Sampled Date	No4 11, 202D 11:12 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700D7256f **Plot** A.9A, A.10 **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	D.8	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f .5	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24829143
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 315038f -1

Sample Number	2D1239D8-1
Sampled Date	No4 11, 202D 11:15 AM
Sample Description	Wastewater
Contract ID	L7CIE700272560 **Plot** A-8A **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	D6.1	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f .D	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123996
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150860-1

Sample Number	2D123996-1
Sampled Date	No4 12, 202D 9:D1 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_2565 **Plot** B-11v **Site** Nichiyu Asia 7Thailand(Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	69.G	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Yil x &rease	mg/L	-	3	9	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(*		-	-	G.D	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124390
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150263-1

Sample Number	2D12D039-1
Sampled Date	No4 11, 202D 10:58 AM
Sample Description	Wastewater
Contract ID	L_CIE_016_2550 **Plot** A-D **Site** NIv EC v ie-casting 7Thailand(Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	) ellow, some odour, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY v 75 days at 20 v egree C(	mg/L	-	2.0	G2.0	≤500	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
CY v	mg/L	1.5	25	G25	≤*50	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5220 v	Rayong
Yil x &rease	mg/L	-	3	G3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(k		-	-	8.2	5.5-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	G5	≤200	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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RemarQ:
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24829123
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 31502f 1-1

Sample Number	2D123928-1
Sampled Date	No4 11, 202D 10:53 AM
Sample Description	Wastewater
Contract ID	L7CIE702f 72550 **Plot** A-5 **Site** NIv EC v ie-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	38.8	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f .D	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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TESTING
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24721399
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150665-1

Sample Number	2D1239__-1
Sampled Date	No4 11, 202D 10:D_ AM
Sample Description	Wastewater
Contract ID	L7CIE700272553 **Plot** A-6 **Site** NIv EC v ie-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	16.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	_.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125935
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D09-1

Sample Number	2D123953-1
Sampled Date	No4 11, 202D 10:2_ AM
Sample Description	Wastewater
Contract ID	LGCIEG006G2560 **Plot**)-1 **Site** Ni((ei MC Aluminium Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&v O5 days at 20 v egree CY	mg/L	-	2.0	3_.1	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5210 B, part D500 - & k	Rayong
&il * k rease	mg/L	-	3	j 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteY \		-	-	_.3	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D500 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
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- Q Q : Lower than L&K QLimit of KuantitationY / L&R QLimit of ReportingY
- AnalyteQsY mar(ed \ is/are not included in scope of Accreditation IS&/IEC 1_025.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24721349
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31503f D-1

Sample Number	2D1239Df-1
Sampled Date	No4 12, 202D D:06 PM
Sample Description	Wastewater
Contract ID	L7CIE700572558 **Plot** A-5/2 **Site** Nual Cha4ee Engineering Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	9f.1	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f.D	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- LOv : Limit o_v etection
- <* < : Lower than LO" (Limit o_" uantitation) / LOR (Limit o_Reporting)
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124610

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 3150893-1

Sample Number	2D12D016-1
Sampled Date	No4 11, 202D 2:16 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2567 **Plot** B.12A **Site** PRISM TELEC(M ASIA LIMITEv
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v)5 days at 20 v egree CY	mg/L	-	2.0	3D.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il & Grease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123969

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150509-1

Sample Number	2D123969-1
Sampled Date	No4 13, 202D 11:16 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2561 **Plot** O-59 I **Site** Red7ow _ThailandK Limited.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. _APHA / USEPAK
Physical Property	Gellow, a lot o7odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZv _5 days at 20 v egree CK	mg/L	-	2.0	1D.9	≤500	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5210 B, part D500 - Z Y	Rayong
Zil) Yrease	mg/L	-	3	x 3	≤10	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH _on siteK &		-	-	8.0	5.5-9.0	Standard Methods 7or the E(amination o7Water and Wastewater. APHA, AWWA) WEF, 2Dth ed., 2023, part D500 - H _BK	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256< : Yeneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123940

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31503D2-1

Sample Number	2D1239D0-1
Sampled Date	No4 12, 202D 3:19 PM
Sample Description	Wastewater
Contract ID	L_CIE_01D_2560 **Plot** v-12/2A **Site** S.G. TAN(CLEANIN) TERMINAL Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGv O5 days at 20 v egree CY	mg/L	-	2.0	68.0	≤500	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - G)	Rayong
Gil 7) rease	mg/L	-	3	6	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Obn siteY *		-	-	k.9	5.5-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H OBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24724170

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150895-1

Sample Number	2D12D017-1
Sampled Date	No4 13, 202D 11:35 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2567 **Plot** Z.25, Z.26 **Site** SAIL INv USTRG YTHAILANv (C) MPANG LIMITEv
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v Y5 days at 20 v egree C(	mg/L	-	2.0	27.7	≤500	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Yon site(*		-	-	7.3	5.5-9.0	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24124035

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150636-1

Sample Number	2D12D035-1
Sampled Date	No4 13, 202D 10:21 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2555 **Plot** C-5,6 **Site** SAN_ CHAREGN EASTERN _ALOANIVE CG.,LTv
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. ZAPHA / USEPA(
Physical Property	) ellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGv Z5 days at 20 v egree C(	mg/L	-	2.0	2D.&	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - G _	Rayong
CGv	mg/L	1.5	25	53	≤&50	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5220 v	Rayong
Gil x _rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Zbn site(*		-	-	&.6	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H ZB(	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	1DD	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 25D0 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256& : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

Remark :
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124035

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150636-2

Sample Number	2D12D035-1
Sampled Date	No4 13, 202D 10:21 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2555 **Plot** C-5,6 **Site** SAN_ CHAREGN EASTERN _ALOANIVE CG.,LTv
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. ZAPHA / USEPA(
Physical Property	) ellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
NicYel	mg/L	0.0003	0.0005	0.002	&1.0	Standard Methods 7or the Ekamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 3125 B,3030 F	BangYoY
Vinc	mg/L	0.003	0.005	0.22	&5.0	Standard Methods 7or the Ekamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 3125 B,3030 F	BangYoY

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256≤ : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaYulY ทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-20D-จ-0002

RemarY :
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- "<" : Lower than LGQ ZLimit o7Quantitation(/ LGR ZLimit o7Reporting(
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124035

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150636-3

Sample Number	2D12D035-1
Sampled Date	No4 13, 202D 10:21 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 001f 2555 **Plot** C-5,6 **Site** SAN_ CHAREGN EASTERN _ALOANIVE CG.,LTv
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preser4ation standards. ZAPHA / USEPA(
Physical Property	)ellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.36	k 10.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang8o&

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256≤ : _eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa&ul& , Pattarapol Sawangjaitam

Remar&:
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- "<" : Lower than LGQ 2Limit o7Quantitation(/ LGR 2Limit o7Reporting(
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123985

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150DD3-1

Sample Number	2D123958-1
Sampled Date	No4 12, 202D 2:06 PM
Sample Description	Wastewater
Contract ID	L_CIE_018_2557 **Plot** F-15 **Site** SET (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	95.2	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123975

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D35-1

Sample Number	2D12395_-1
Sampled Date	No4 12, 202D 1:55 PM
Sample Description	Wastewater
Contract ID	LGCIEG01_G255_ **Plot** F-10 **Site** Shinsei (o)i CThailandY Comporation Limited.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. CAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&v C5 days at 20 v egree CY	mg/L	-	2.0	18.2	≤500	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5210 B, part D500 - & k	Rayong
&il * k rease	mg/L	-	3	j 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH C0n siteY \		-	-	_.9	5.5-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D500 - H C0Y	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : k eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa)ul) ทะเบียนเลขที่ ว-323-จ-0021

Remar) :
- L&v : Limit of v etection
- Q Q : Lower than L&K CLimit of K uantitationY / L&R CLimit of ReportingY
- AnalyteCaY mar) ed \ is/are not included in scope of Accreditation IS&/IEC 1_025.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24123934

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150313-1

Sample Number	2D12393D-1
Sampled Date	No4 12, 202D 10:20 AM
Sample Description	Wastewater
Contract ID	L_CIE_01G_2550 **Plot** B-3 **Site** Shinwa (ogyo)ThailandOCo.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CO	mg/L	-	2.0	30.9	≤500	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteO j		-	-	G.5	5.5-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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- Q x Q : Lower than Lx K)Limit of K uantitationO / Lx R)Limit of ReportingO
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24829193
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150331-1

Sample Number	2D123938-1
Sampled Date	No4 12, 202D 2:D9 PM
Sample Description	Wastewater
Contract ID	L_CIE_018_2550 **Plot** v-13/2 **Site** Siam Steel Mill Ser4ices Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. 7APHA / USEPA(
Physical Property	)ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYv 75 days at 20 vegree C(	mg/L	-	2.0	36.0	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - Y &	Rayong
Yil x &rease	mg/L	-	3	G3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH 7on site(*		-	-	k.D	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H 7B(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256k : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- LYv : Limit of v etection
- <G< : Lower than LY" 7Limit of " uantitation(/ LYR 7Limit of Reporting(
- Analyte7s(marQed * is/are not included in scope of Accreditation ISY/IEC 1k025.
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24123933
v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 315030f-1

Sample Number	2D123933-1
Sampled Date	No4 11, 202D 2:30 PM
Sample Description	Wastewater
Contract ID	L7CIE700D7255f **Plot** B-11A **Site** SPF (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 vegree C)	mg/L	-	2.0	1D.8	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f.D	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24721319

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150328-1

Sample Number	2D12393_-1
Sampled Date	No4 12, 202D 11:39 AM
Sample Description	Wastewater
Contract ID	L7CIE701972550 **Plot** v -D **Site** Taisei Plas (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	59.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	_._	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24125943

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31693D2-1

Sample Number	2D1239Df-1
Sampled Date	No4 12, 202D 3:D0 PM
Sample Description	Wastewater
Contract ID	L_CIE_003_2f f 8 **Plot** M-3 **Site** Tayih Genmos Auto Parts (Thailand) Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Oellow, a lot o5odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BYv (f days at 20 v egree C)	mg/L	-	2.0	129	≤f 00	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - Y 7	Rayong
Yil & 7rease	mg/L	-	3	f	≤10	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH (on site) *		-	-	k.k	f .f -9.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H (B)	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2f 6k : 7eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24123939
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 315033D-1

Sample Number	2D123939-1
Sampled Date	No4 12, 202D 3:12 PM
Sample Description	Wastewater
Contract ID	L_CIE_007_2558 **Plot** v -12/1A **Site** THAI ESC(RP LTv .
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v)5 days at 20 v egree CY	mg/L	-	2.0	D2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - (G	Rayong
(il & Grease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY *		-	-	7.D	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24124603
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150639-1

Sample Number	2D12D036-1
Sampled Date	No4 13, 202D 1:5_ PM
Sample Description	Wastewater
Contract ID	L7CIE700172559 **Plot** v -9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preser4ation 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							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	*2.0	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
COv	mg/L	1.5	25	*25	≤_50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5220 v	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	_.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong
Total v issol4ed Solids v ried at 180 degree C	mg/L	-	5	__	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 C	Rayong
Total Suspended Solids v ried at 103-105 degree C	mg/L	-	5	*5	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 25D0 v	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021 , Pattarapol Sawang"aitam ทะเบียนเลขที่ ว-20D-จ-0002

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24124036

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150639-2

Sample Number	2D12D036-1
Sampled Date	No4 13, 202D 1:5_ PM
Sample Description	Wastewater
Contract ID	L(CIE(001(2559 **Plot** v -9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	No4 1D, 202D
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preser4ation standards)APHA, USEPAY
Physical Property	kellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Lead	mg/L	0.0003	0.0005	0.009	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 3125 B,3030 F	Bang7o7

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256_ : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa7ul7 ทะเบียนเลขที ว-323-จ-0021 , Pattarapol Sawangjaitam ทะเบียนเลขที ว-20D-จ-0002

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150881-1

Sample Number	2D12D009-1
Sampled Date	No4 13, 202D 2:21 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700D72566 **Plot** (-60,(61,(61B **Site** THAI _UTv_ P_WER TECHN_ L_GY Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAZ
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B_v)5 days at 20 v egree CZ	mg/L	-	2.0	5.2	≤500	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - _ G	Rayong
_il x Grease	mg/L	-	3	&3	≤10	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteZ <		-	-	6.9	5.5-9.0	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256* : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24124004

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 11, 202D
v ate Reported : No4 18, 202D
Report Number : 31508f 5-1

Sample Number	2D12D00D-1
Sampled Date	No4 11, 202D 3:33 PM
Sample Description	Wastewater
Contract ID	L7CIE701172560 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	No4 11, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	166	≤500	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) k		-	-	f.8	5.5-9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- LOv : Limit o_v etection
- <* < : Lower than LO" (Limit o_" uantitation) / LOR (Limit o_Reporting)
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24829131

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150702-1

Sample Number	2D123989-1
Sampled Date	No4 13, 202D 10:D0 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_256D **Plot** K-62 **Site** Thai Wp Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	Zellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(v O5 days at 20 v egree CG	mg/L	-	2.0	5D.1	≤500	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5210 B, part D500 - (x	Rayong
(il Y x rease	mg/L	-	3	3	≤10	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteG &		-	-	8.0	5.5-9.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D500 - H OBG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : x eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan <inunti ทะเบียนเลขที่ ว-323-จ-0019

Remar* :
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- Q' Q : Lower than L(k QLimit of k uantitationG/ L(R QLimit of ReportingG
- AnalyteQGmar*ed & is/are not included in scope of Accreditation IS(/IEC 17025.
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TESTING
No.0042

Lot ID: 24124012

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150886-1

Sample Number	2D12D012-1
Sampled Date	No4 13, 202D 2:D7 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2566 **Plot**).21 **Site** TGGLS INTERNATIGNAL YTHAILANv (Co.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BGv Y5 days at 20 v egree C(	mg/L	-	2.0	62.8	≤500	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 - G &	Rayong
Gil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Yon site(*		-	-	6.9	5.5-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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TESTING
No.0042

Lot ID: 24124020

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150900-1

Sample Number	2D12D020-1
Sampled Date	No4 13, 202D 1:00 PM
Sample Description	Wastewater
Contract ID	Lf WHA CIE1f 006f 256_ **Plot** Z.D, Z.DA, Z.DC **Site** Top LinK Industrial OThailandGCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot o7odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v O5 days at 20 v egree CG	mg/L	-	2.0	116	≤500	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) &	Rayong
) il x &rease	mg/L	-	3	6	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Qon siteG <		-	-	_._	5.5-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H OBG	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/256_ : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan *inunti ทะเบียนเลขที่ ว-323-จ-0019

RemarK :
- L) v : Limit o7v etection
- Q' Q : Lower than L) k QLimit o7k uantitationG/ L) R QLimit o7ReportingG
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24829113
v ate Recei4ed : No4 13, 202D
v ate Reported : No4 18, 202D
Report Number : 3150867-1

Sample Number	2D123998-1
Sampled Date	No4 13, 202D 9:55 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2565 **Plot** Z-6D **Site** Top LinK Industrial CThailandGCo.,Ltd.
Date Analysis Commenced	No4 13, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. CAPHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) v C5 days at 20 v egree CG	mg/L	-	2.0	56.9	≤500	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5210 B, part D500 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH Obn siteG *		-	-	7.6	5.5-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D500 - H OBG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Wasan kinunti ทะเบียนเลขที่ ว-323-จ-0019

RemarK :
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24125934
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 3150D15-1

Sample Number	2D12395D-1
Sampled Date	No4 12, 202D 2:02 PM
Sample Description	Wastewater
Contract ID	L_CIE_023_2550 **Plot** F-9 **Site** Van Leeuwen Pipe and Tube (Thailand) Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOv (5 days at 20 v egree C)	mg/L	-	2.0	86.6	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5210 B, part D500 - O 7	Rayong
Oil & 7rease	mg/L	-	3	G	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	G.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256G : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24124002
v ate Recei4ed : No4 12, 202D
v ate Reported : No4 18, 202D
Report Number : 31508f 2-1

Sample Number	2D12D002-1
Sampled Date	No4 12, 202D 9:Df AM
Sample Description	Wastewater
Contract ID	LVWHA CIE1V006V2565 **Plot** B-10C **Site** (-SACHET Co.,Ltd.
Date Analysis Commenced	No4 12, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preser4ation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx v)5 days at 20 v egree CY	mg/L	-	2.0	D2.8	≤500	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5210 B, part D500 - x G	Rayong
x il 7 Grease	mg/L	-	3	* 3	≤10	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 5520 B	Rayong
pH)on siteY k		-	-	f .5	5.5-9.0	Standard Methods _or the E8amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D500 - H)BY	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/256f : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24104303
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D0f -1

Sample Number	2D13D030-1
Sampled Date	4ec 09, 202D 1:f D PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2f 6D **Plot** Z-f f G **Site** AGRI SYRUP IN4 USTRY (THAILAN4) Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (f days at 20 4egree C)	mg/L	-	2.0	f f .2	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH (on site) *		-	-	6.9	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H (B)	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164069
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D16-1

Sample Number	2D13D038-1
Sampled Date	4ec 09, 202D 9:76 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_00D_2767 **Plot** Z-79B **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAN4) LIMITE4
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 (7 days at 20 4egree C)	mg/L	-	2.0	61.D	≤700	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 - G &	Rayong
Gil x &rease	mg/L	-	3	5	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) <		-	-	8.1	7.7-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

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- Q' Q : Lower than LGk (Limit of k uantitation) / LGR (Limit of Reporting)
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134930
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D18-1

Sample Number	2D13D039-1
Sampled Date	4ec 09, 202D 9:75 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_007_2767 **Plot** Z-79C **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAN4) LIMITE4
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 (7 days at 20 4egree C)	mg/L	-	2.0	117	≤700	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 - G &	Rayong
Gil x &rease	mg/L	-	3	6	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) <		-	-	8.0	7.7-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa*ul* ทะเบียนเลขที่ ว-323-จ-0021

Remar* :
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- Q' Q : Lower than LGk (Limit of k uantitation) / LGR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104343

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D20-1

Sample Number	2D13D0D0-1
Sampled Date	4ec 09, 202D 9:79 AM
Sample Description	Wastewater
Contract ID	L_CIE_005_2760 **Plot** Z-794 **Site** AIR INTERNATIGNAL THERMAL SYSTEMS (THAILAN4) LIMITE4
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 (7 days at 20 4egree C)	mg/L	-	2.0	68.D	≤700	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 - G &	Rayong
Gil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) *		-	-	5.6	7.7-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24134990

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552f f -1

Sample Number	2D13D009-1
Sampled Date	4ec 09, 202D 2:01 PM
Sample Description	Wastewater
Contract ID	L_CIE_008_2f f 8 **Plot** G-f f E **Site** Analog City
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	) ellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 Yf days at 20 4egree C(	mg/L	-	2.0	52.9	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(*		-	-	5.8	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LZ4 : Limit o74etection
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- AnalyteYs(marked * is/are not included in scope o7Accreditation ISZ/IEC 1502f .
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711392
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155189-1

Sample Number	2D133952-1
Sampled Date	4ec 02, 202D 11:02 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2775 **Plot** B-10B **Site** Anstac (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	D6.1	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	6.9	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133990
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155221-1

Sample Number	2D133990-1
Sampled Date	4ec 02, 202D 10:20 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2((8 **Plot** A-08C **Site** Asahi 4iamond)ThailandOCo.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Blacx, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&4)(days at 20 4egree CO	mg/L	-	2.0	83.5	≤(00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part (210 B, part D(00 - & <	Rayong
&il G <rease	mg/L	-	3	*3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH)on siteO k		-	-	5.0	(.(-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D(00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2(65 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saxulx ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24164049
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D3D-1

Sample Number	2D13D0D8-1
Sampled Date	4ec 02, 202D 10:_3 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700672_66 **Plot** B11-B **Site** ASMECH TECHN(L( ) Y CTHAILAN4x C(MPANY LIMITE4
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAx
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 Q_ days at 20 4egree Cx	mg/L	-	2.0	D2.3	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part _210 B, part D_00 - ( )	Rayong
(il G) rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Qbn sitex k		-	-	5.6	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D_00 - H QBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24134920
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D0D-1

Sample Number	2D13D029-1
Sampled Date	4ec 06, 202D D:1_ PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700_72_6D **Plot** C-01 **Site** ATEN C(MPUTER PR(4UCT Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4)_ days at 20 4egree CY	mg/L	-	2.0	32.D	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	5.5	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที ว-323-จ-00D0

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24133996
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155236-1

Sample Number	2D133996-1
Sampled Date	4ec 02, 202D 2:16 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2770 **Plot** F-11 **Site** Aui Heng Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and 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							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	12.8	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.5	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Lot ID: 24714037
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155388-1

Sample Number	2D13D051-1
Sampled Date	4ec 09, 202D 9:26 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY4)G days at 20 4egree CO	mg/L	-	2.0	22.9	≤G00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part G210 B, part DG00 - Y (	Rayong
CY4	mg/L	1.G	2G	56	≤5G0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part G220 4	Rayong
Color)at Yriginal pHO	A4MI	-	G	68	≤600	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color)at pH 5.0O	A4MI	-	G	6D	≤600	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2120 F	Rayong
Yil 7 (rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteO k		-	-	5.5	G.G-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00 - H)BO	Rayong
Temperature k	4egree C	-	-	28.D	≤DG	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GG0 B	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	G	380	≤3000	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GD0 C	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24714037
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155388-1

Sample Number	2D13D051-1
Sampled Date	4ec 09, 202D 9:26 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	36.0	≤100	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00-Norg)CQ part NH3)4O	Rayong
Total Suspended Solids 4ried at 103-10G degree C	mg/L	-	G	1G	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GD0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat SaQulQทะเบียนเลขที่ค -323-ว-0021

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Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24714037
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155388-2

Sample Number	2D13D051-1
Sampled Date	4ec 09, 202D 9:26 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Yffice
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Vellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	No 7elocity	No Standard	Flow meter	Rayong
Ydour		-	-	Ydour	No Standard	TIS, 2G5-2GD9	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
- LY4 : Limit of 4tection
- "<" : Lower than LYQ)Limit of QuantitationO/ LYR)Limit of ReportingO

Analysis / Test Report

TESTING
No.0042

Lot ID: 24714032

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155389-1

Sample Number	2D13D052-1
Sampled Date	4ec 09, 202D 9:32 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)G days at 20 4egree CO	mg/L	-	2.0	3.6	≤G00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part G210 B, part DG00 - x (	Rayong
Cx 4	mg/L	1.G	2G	3D	≤5G0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part G220 4	Rayong
Color)at x riginal pHO	A4MI	-	G	6	≤600	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2120 F	Rayong
Color)at pH 5.0O	A4MI	-	G	6	≤600	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2120 F	Rayong
x il 7 (rease	mg/L	-	3	* 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteO k		-	-	5.G	G.G-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00 - H)BO	Rayong
Residual Free Chlorine k	mg/L	-	0.1	* 0.1	≤1	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00-Cl)FO	Rayong
Temperature k	4egree C	-	-	25.8	≤DG	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GG0 B	Rayong

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24714032

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155389-1

Sample Number	2D13D052-1
Sampled Date	4ec 09, 202D 9:32 AM
Sample Description	Wastewater
Contract ID	L_CIE_003_2GG9 **Plot** A **Site** B. (rimm Power)WHAO1 Limited.
Location	Process
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	G	1156	≤3000	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GD0 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.G	≤100	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00-Norg)CQ part NH3)4O	Rayong
Total Suspended Solids 4ried at 103-10G degree C	mg/L	-	G	9	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2GD0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling vy : Suphanat SaQuIQทะเบียนเลขที่ค -323-ว-0021

RemarQ:
- Lx 4 : Limit of 4etection
- <* < : Lower than Lx ")Limit of " uantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmarQed k is/are not included in scope of Accreditation ISx /IEC 1502G.
- The laboratory has been accepted as an accredited laboratory complying with the ISx /IEC 1502G.

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G315-123/ EMAIL S:\Reports_All_(L.rpt)10:06AMO

Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24714032
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155389-2

Sample Number	2D13D052-1
Sampled Date	4ec 09, 202D 9:32 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 003f 2__9 **Plot** A **Site** B. Grimm Power (WHA) 1 Limited.
Location	Process
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.015	No Standard	Flow meter	Rayong
Odour		-	-	Odour	No Standard	TIS, 2_5-2_D9	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_65 : General Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk

Remark :
- LO4 : Limit o74etection
- "<" : Lower than LOQ (Limit o7Quantitation) / LOR (Limit o7Reporting)

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133964
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155156-1

Sample Number	2D13396D-1
Sampled Date	4ec 02, 202D 9:33 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2((0 **Plot** B.I.) **Site** B.I.) . Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	Blac&, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B74 O(days at 20 4egree Cx	mg/L	-	2.0	90.0	≤(00	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA < WEF, 2Dth ed., 2023, part (210 B, part D(00 - 7)	Rayong
7il <) rease	mg/L	-	3	(	≤10	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA < WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH Qon sitex *		-	-	5.9	(.(-9.0	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA < WEF, 2Dth ed., 2023, part D(00 - H OBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2(65 :) eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa&ul& ทะเบียนเลขที่ ว-323-จ-0021

Remar&:
- L74 : Limit of 4etection
- Q' Q : Lower than L7k QLimit of kuantitationx / L7R QLimit of Reportingx
- AnalyteQx mar&ed * is/are not included in scope of Accreditation IS7/IEC 1502(.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24134067

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 315538D-1

Sample Number	2D13D065-1
Sampled Date	4ec 06, 202D 3:10 PM
Sample Description	Wastewater
Contract ID	L7CIE700272___ **Plot** (-68 **Site** BHN GTHAILAN4 YCo.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 G_ days at 20 4egree CY	mg/L	-	2.0	8.0	≤_00	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - Z &	Rayong
CZ4	mg/L	1._	2_	35	≤5_0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _220 4	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH G◎n siteY *		-	-	5.9	_._-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H GBY	Rayong
Total Suspended Solids 4ried at 103-10_ degree C	mg/L	-	_	5	≤200	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 2_D0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remark :
- LZ4 : Limit of 4etection
- "<" : Lower than LZQ QLimit of QuantitationY / LZR QLimit of ReportingY
- AnalyteGYmarked * is/are not included in scope of Accreditation ISZ/IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104352

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D39-1

Sample Number	2D13D0_2-1
Sampled Date	4ec 06, 202D 8:30 AM
Sample Description	Wastewater
Contract ID	LGWHA CIE1G001G2_65 **Plot** Y.9,Y.10,Y.11,Y.12 **Site** BNSS STEEL (R) UP C) MPANO LIMITE4
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 x_ days at 20 4egree C&	mg/L	-	2.0	_5.6	≤_00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part _210 B, part D_00 -) (	Rayong
) il * (rease	mg/L	-	3	9	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part __20 B	Rayong
pH xon site& k		-	-	5.D	_._-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D_00 - H xB&	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remarj :
- L) 4 : Limit of 4etection
- KQK : Lower than L) \ xLimit of \ uantitation&/ L) R xLimit of Reporting&
- Analytex&marj ed k is/are not included in scope of Accreditation IS) /IEC 1502_.
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TESTING
No.0042

Lot ID: 24134950

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155390-1

Sample Number	2D13D0_9-1
Sampled Date	4ec 06, 202D 10:10 AM
Sample Description	Wastewater
Contract ID	L7CIE700372__0 **Plot** B-_ **Site** Boncafe (Thailand) Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	_1.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	5.8	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong
Total Suspended Solids 4ried at 103-10_ degree C	mg/L	-	_	22	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2_D0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

RemarQ:
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- <* < : Lower than LO" (Limit of " uantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24133967

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155199-1

Sample Number	2D133956-1
Sampled Date	4ec 06, 202D 10:00 AM
Sample Description	Wastewater
Contract ID	L_CIE_009_2775 **Plot** B-0D **Site** Castool Tooling systems
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	6.6	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.2	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24164019
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155393-1

Sample Number	2D13D018-1
Sampled Date	4ec 02, 202D 2:_1 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700172_63 **Plot** 4.13/1,4.13/3(A) **Site** Chonburi Clean Energy Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and 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							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	16.5	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	8.0	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- LO4 : Limit of 4etection
- <* < : Lower than LO" (Limit of " uantitation) / LOR (Limit of Reporting)
- Analyte(s) marQed k is/are not included in scope of Accreditation ISO/IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24164003
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552f 0-1

Sample Number	2D13D006-1
Sampled Date	4ec 09, 202D 11:18 AM
Sample Description	Wastewater
Contract ID	L_CIE_028_2f f 0 **Plot** (-D8 **Site** Coil Tech Steel GThailandY Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 GF days at 20 4egree CY	mg/L	-	2.0	<2.0	≤f 00	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH GOn siteY *		-	-	8.0	f .f -9.0	Standard Methods 7or the EQamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24899132
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155205-1

Sample Number	2D133982-1
Sampled Date	4ec 09, 202D 2:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_00D_2770 **Plot** E-7 **Site** 4aifu(u)ThailandY Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)7 days at 20 4egree CY	mg/L	-	2.0	100.0	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY Q		-	-	5.5	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn Lertnantha(unchai ทะเบียนเลขที่ ว-323-จ-00D1

Remar(:
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104314
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155256-1

Sample Number	2D13D01D-1
Sampled Date	4ec 06, 202D 3:20 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700D72_62 **Plot** (.65 **Site** 4T Wiring Systems GThailandY Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ 4 G_ days at 20 4egree CY	mg/L	-	2.0	1_.6	≤_00	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Gon siteY *		-	-	5.6	_._-9.0	Standard Methods for the ECamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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Lot ID: 24133966

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155155-1

Sample Number	2D133966-1
Sampled Date	4ec 02, 202D 9:D9 AM
Sample Description	Wastewater
Contract ID	L_CIE_00(_2((0 **Plot** A-1 **Site** 4usholu) Siamx Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. APHA / USEPAx
Physical Property	Blac&, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B74 0(days at 20 4egree Cx	mg/L	-	2.0	16.6	≤(00	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part (210 B, part D(00 - 7 <	Rayong
7il G <rease	mg/L	-	3	*3	≤10	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH Qon sitex k		-	-	5.5	(.(-9.0	Standard Methods for the E)amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D(00 - H Bx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2(65 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa&ul& ทะเบียนเลขที่ ว-323-จ-0021

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Lot ID: 24714023

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D02-1

Sample Number	2D13D025-1
Sampled Date	4ec 02, 202D 11:3_ AM
Sample Description	Wastewater
Contract ID	LXWHA CIE1X002X2_6D **Plot** B6-A **Site** ENR(Limited
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)_ days at 20 4egree CY	mg/L	-	2.0	66._	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - x G	Rayong
x il 7 Grease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	5.3	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133967
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155158-1

Sample Number	2D133965-1
Sampled Date	4ec 02, 202D 9:_6 AM
Sample Description	Wastewater
Contract ID	L7CIE700172__5 **Plot** A-2 **Site** Feltol Manufacturing Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	10D	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	5.3	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104310
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 315525f-1

Sample Number	2D13D013-1
Sampled Date	4ec 09, 202D 10:10 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_002_2f 62 **Plot** (.f 9F **Site** FES International GThailandY Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot o7odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 GT days at 20 4egree CY	mg/L	-	2.0	23.1	≤f 00	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Gon siteY *		-	-	5.3	f .f -9.0	Standard Methods 7or the ECamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H GBY	Rayong

Guideline : Notiication o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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- "<" : Lower than LZQ GLimit o7QuantitationY / LZR GLimit o7ReportingY
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164063
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D1D-1

Sample Number	2D13D036-1
Sampled Date	4ec 09, 202D 10:05 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700272_6_ **Plot** G-_9Y **Site** FES International Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Zellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	19.2	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O Y	Rayong
Oil & Yrease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	5.2	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104304
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D10-1

Sample Number	2D13D03D-1
Sampled Date	4ec 06, 202D 3:30 PM
Sample Description	Wastewater
Contract ID	L7CIE701072__8 **Plot** (-66 **Site** FiniGGYlobal Industry Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAZ
Physical Property	Oellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)_ days at 20 4egree CZ	mg/L	-	2.0	16.5	≤_00	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - x Y	Rayong
x il & Yrease	mg/L	-	3	5	≤10	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteZ <		-	-	5.8	_._-9.0	Standard Methods for the EGamination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BZ	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที ว-323-จ-00D0

Remar* :
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- Q Q : Lower than Lx k)Limit of k uantitationZ/ Lx R)Limit of ReportingZ
- Analyte)sZmar*ed < is/are not included in scope of Accreditation ISx /IEC 1502_.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133991
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155223-1

Sample Number	2D133991-1
Sampled Date	4ec 06, 202D 10:1_ AM
Sample Description	Wastewater
Contract ID	L7CIE701172__8 **Plot** B-6 **Site** FRASERS PR(PERT) YTHAILAN4OPUBLIC C(MPAN) LIMITE4
Location	บริษัท ควอซาร์ เมดิคอล์ ไทยแลนด์
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 Y_ days at 20 4egree CO	mg/L	-	2.0	61.3	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon siteO *		-	-	5._	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remark :
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- "<" : Lower than L(Q YLimit of QuantitationO/ L(R YLimit of ReportingO
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No.0042

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104351
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D38-1

Sample Number	2D13D0_1-1
Sampled Date	4ec 06, 202D 2:10 PM
Sample Description	Wastewater
Contract ID	L7CIE701372__8 **Plot** 4-5 **Site** FRASERS PR(PERT) YTHAILAN4OPUBLIC C(MPAN) LIMITE4
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 Y_ days at 20 4egree CO	mg/L	-	2.0	33._	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon siteO k		-	-	5.6	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

RemarQ:
- L(4 : Limit of 4etection
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104325
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D00-1

Sample Number	2D13D02_-1
Sampled Date	4ec 06, 202D 2:20 PM
Sample Description	Wastewater
Contract ID	L7CIE701D72__8 **Plot** 4-8 **Site** FRASERS PR(PERT) YTHAILAN4 OPUBLIC C(MPAN) LIMITE4
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 Y_ days at 20 4egree CO	mg/L	-	2.0	19.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon siteO k		-	-	5.9	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104340
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D26-1

Sample Number	2D13D0D3-1
Sampled Date	4ec 06, 202D 2:_0 PM
Sample Description	Wastewater
Contract ID	L7CIE701172__5 **Plot** 4-1 **Site** FRASERS PR(PERT) THAILAN4 IN4USTRIAL FREEH(L4 Y LEASEH(L4 REIT
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 Q_ days at 20 4egree Cx	mg/L	-	2.0	12.6	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il Y Grease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Qon sitex k		-	-	5.6	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D_00 - H QBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24899134
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155213-1

Sample Number	2D13398D-1
Sampled Date	4ec 09, 202D 2:10 PM
Sample Description	Wastewater
Contract ID	L_CIE_010_2775 **Plot** 4-2 **Site** FRASERS PR(PERT) THAILAN4 IN4USTRIAL FREEH(L4 Y LEASEH(L4 REIT
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 O7 days at 20 4egree Cx	mg/L	-	2.0	29.6	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 7210 B, part D700 - (G	Rayong
(il Y Grease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Qbn sitex k		-	-	5.D	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D700 - H QBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Chainusorn LertnanthaQunchai ทะเบียนเลขที่ ว-323-จ-00D1

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133978
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155215-1

Sample Number	2D133985-1
Sampled Date	4ec 06, 202D 2:30 PM
Sample Description	Wastewater
Contract ID	L_CIE_00D_2778 **Plot** 4-6 **Site** FRASERS PR(PERT) THAILAN4 IN4USTRIAL FREEH(L4 Y LEASEH(L4 REIT
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAx
Physical Property	) ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 O7 days at 20 4egree Cx	mg/L	-	2.0	77.3	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 7210 B, part D700 - (G	Rayong
(il Y Grease	mg/L	-	3	3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Qbn sitex *		-	-	8.0	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA Y WEF, 2Dth ed., 2023, part D700 - H QBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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No.0042

Lot ID: 24104333

Client : WHA Utilities and Power Public Company Limited
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Thailand 20230

P/O :

Project Name : Factory I Monthly

Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552D0-1

Sample Number	2D13D000-1
Sampled Date	4ec 09, 202D 10:37 AM
Sample Description	Wastewater
Contract ID	L_CIE_005_2776 **Plot**)-13 **Site** FRASERS PRGPERTY THAILAN4 IN4USTRIAL FREEHGL4 (LEASEHGL4 REIT
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 Z7 days at 20 4egree CO	mg/L	-	2.0	19.0	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part 7210 B, part D700 - G &	Rayong
Gil (&rease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Zon siteO *		-	-	5.8	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA (WEF, 2Dth ed., 2023, part D700 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24104322

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230

P/O :

Project Name : Factory I Monthly

Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155395-1

Sample Number	2D13D022-1
Sampled Date	4ec 06, 202D 10:30 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_011_2763 **Plot** B-5 **Site** (lory Winner)ThailandY Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)7 days at 20 4egree CY	mg/L	-	2.0	18.D	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - x (	Rayong
x il G (rease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	5.6	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24899139
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155209-1

Sample Number	2D133983-1
Sampled Date	4ec 02, 202D 3:D_ PM
Sample Description	Wastewater
Contract ID	L7CIE700972__0 **Plot** M-1 **Site** (low IPP Co.,Ltd.
Location	) ffice
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAO
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 Y_ days at 20 4egree CO	mg/L	-	2.0	36.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part _210 B, part D_00 -) (	Rayong
) il G (rease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Yon siteO k		-	-	8.0	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D_00 - H YBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : (eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104321
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155396-1

Sample Number	2D13D021-1
Sampled Date	4ec 02, 202D D:12 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1701072_63 **Plot** BC **Site** Hardware King Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Colorless, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	_.1	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	5.8	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที ว-323-จ-0021

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164023
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D01-1

Sample Number	2D13D026-1
Sampled Date	4ec 02, 202D 11:18 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_001_276D **Plot** B-8 **Site** HI-Plus Import-E(port Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)7 days at 20 4egree CY	mg/L	-	2.0	17.0	≤700	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - x G	Rayong
x il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	5.2	7.7-9.0	Standard Methods for the E(amination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24714030
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155385-1

Sample Number	2D13D050-1
Sampled Date	4ec 06, 202D 9:3_ AM
Sample Description	Wastewater
Contract ID	LGCIEG011G2__0 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY4 (_ days at 20 4egree C)	mg/L	-	2.0	*2.0	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - Y 7	Rayong
Yil & 7rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	5.1	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	_	89	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2_D0 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที ว-323-จ-00D0 , Samart j humphlee ทะเบียนเลขที ว-20D-จ-008D

Remar\ :
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- Q* Q : Lower than LYK (Limit of Kuantitation) / LYR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0009

Lot ID: 24134070

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230

P/O :

Project Name : Factory I Monthly

Project Location : WHA CIE 1

Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177387-2

Sample Number	24134070-1
Sampled Date	Dec 06, 2024 9:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_011_2550 **Plot** B-1 **Site** Honey Well Electronic Materials (Thailand) Co.,Ltd.
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.14	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104324

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230

P/O :

Project Name : Factory I Monthly

Project Location : WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155399-1

Sample Number	2D13D02D-1
Sampled Date	4ec 06, 202D 3:D7 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_016_2763 **Plot**)-63 **Site** ImanaGa YThailand(Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 Y7 days at 20 4egree C(	mg/L	-	2.0	102	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O <	Rayong
Oil & <rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(k		-	-	5.3	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

RemarG :
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24133970
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 315518f -1

Sample Number	2D133950-1
Sampled Date	4ec 02, 202D 10:16 AM
Sample Description	Wastewater
Contract ID	L7CIE701272f f 0 **Plot** A-5 **Site** In-Season Foods Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (f days at 20 4egree C)	mg/L	-	2.0	9f .1	≤f 00	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - O G	Rayong
Oil & Grease	mg/L	-	3	f	≤10	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH (on site) *		-	-	5.0	f .f -9.0	Standard Methods _or the Examination o_Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H (B)	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f 65 : General Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24133993
J ate ReceiDed : J ec 02, 2024
J ate Reported : J ec 09, 2024
Report Number : 31vv230-1

Sample Number	24133993-1
Sampled Date	J ec 02, 2024 11:38 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 012f 2760 **Plot** B-6E **Site** _ungheinrich Li3t Truc(Co.,Ltd.
Date Analysis Commenced	J ec 02, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserDation standards.)APHA / USEPAY
Physical Property	Oellow, a lot o5odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx J)7 days at 20 J egree CY	mg/L	-	2.0	v3.6	≤700	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 24th ed., 2023, part 7210 B, part 4700 - x *	Rayong
x il G *rease	mg/L	-	3	3	≤10	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 24th ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	v.6	7.7-9.0	Standard Methods 5or the E8amination o5Water and Wastewater. APHA, AWWA G WEF, 24th ed., 2023, part 4700 - H)BY	Rayong

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/276v : *eneral Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
- Lx J : Limit o5J etection
- "<" : Lower than Lx Q)Limit o5QuantitationY / Lx R)Limit o5ReportingY
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164031
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552D7-1

Sample Number	2D13D061-1
Sampled Date	4ec 09, 202D 10:D7 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2761 **Plot** Z.18 **Site** KIMSONG ARTIWOO4 Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	1D.5	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Formaldehyde	mg/L	0.03	0.1	Not 4etected	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, Dth ed.,200D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) *		-	-	6.5	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164009
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155273-1

Sample Number	2D13D008-1
Sampled Date	4ec 09, 202D 9:70 AM
Sample Description	Wastewater
Contract ID	L_CIE_016_2775 **Plot** Z-79A **Site** Kintetsu Logistics OThailandGCo.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 O7 days at 20 4egree CG	mg/L	-	2.0	17.8	≤700	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Qon siteG *		-	-	5.9	7.7-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H OBG	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &neral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

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No.0042

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711391
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155193-1

Sample Number	2D133953-1
Sampled Date	4ec 02, 202D 10:_5 AM
Sample Description	Wastewater
Contract ID	LGCIEG001G2__6 **Plot** B-11C **Site** (uriyama)ThailandOCo.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)_ days at 20 4egree CO	mg/L	-	2.0	65.0	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - x *	Rayong
x il 7 *rease	mg/L	-	3	D	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteO k		-	-	5._	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134068
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155387-1

Sample Number	2D13D068-1
Sampled Date	4ec 06, 202D 11:00 AM
Sample Description	Wastewater
Contract ID	L_CIE_020_2770 **Plot** Z-3 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 O7 days at 20 4egree CG	mg/L	-	2.0	<2.0	≤700	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Oon siteG *		-	-	5.2	7.7-9.0	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H OBG	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	7	156	≤3000	Standard Methods for the EYamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 27D0 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0 , Samart Khumphlee ทะเบียนเลขที่ ว-20D-จ-008D

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134068
Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177385-2

Sample Number	24134068-1
Sampled Date	Dec 06, 2024 11:00 AM
Sample Description	Wastewater
Contract ID	L_CIE_020_2550 **Plot** Z-3 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 1
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.04	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Nickel	mg/L	0.0003	0.0005	0.0008	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134069
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155386-1

Sample Number	2D13D069-1
Sampled Date	4ec 06, 202D 11:30 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 021f 2__0 **Plot** Z-6 **Site** Kyoden OThailandGCo.,Ltd.
Location	Factory 2
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. OAPHA / USEPAG
Physical Property	(ellow, a lot o7odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 Q days at 20 4egree CG	mg/L	-	2.0	<2.0	≤_00	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Obn siteG *		-	-	5._	_._-9.0	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H OBG	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	_	1_8	≤3000	Standard Methods 7or the EYamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 2_D0 C	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2_65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0 , Samart Khumphlee ทะเบียนเลขที่ ว-20D-จ-008D

Remark :
- L) 4 : Limit o74etection
- "<" : Lower than L) Q QLimit o7QuantitationG/ L) R QLimit o7ReportingG
- AnalyteOGmarked * is/are not included in scope o7Accreditation IS) /IEC 1502_.
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Analysis / Test Report

TESTING
No.0009

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134069
Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177386-2

Sample Number	24134069-1
Sampled Date	Dec 06, 2024 11:30 AM
Sample Description	Wastewater
Contract ID	Lf CIEf 021f 2__0 **Plot** Z-6 **Site** Kyoden (Thailand) Co.,Ltd.
Location	Factory 2
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot o5odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.000_	0.28	≤2.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 312_ B,3030 F	Bangkok
Nickel	mg/L	0.0003	0.000_	0.0006	≤1.0	Standard Methods 5or the Examination o5Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 312_ B,3030 F	Bangkok

Guideline : Noti5cation o5the Industrial Estate Authority o5Thailand No.029/2_67 : General Standards 5or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

Remark :
- LOD : Limit o5Detection
- "<" : Lower than LOQ (Limit o5Quantitation) / LOR (Limit o5Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133992
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155228-1

Sample Number	2D133992-1
Sampled Date	4ec 02, 202D 11:32 AM
Sample Description	Wastewater
Contract ID	L_CIE_013_2GG5 **Plot** B-6B **Site** (yowa SS)ThailandOCo.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)G days at 20 4egree CO	mg/L	-	2.0	28.9	≤G00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part G210 B, part DG00 - x *	Rayong
x il 7 *rease	mg/L	-	3	k3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH)on siteO j		-	-	5.6	G.G-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DG00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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- QxQ : Lower than Lx K)Limit of KuantitationO/ Lx R)Limit of ReportingO
- Analyte)sOmar\ed j is/are not included in scope of Accreditation ISx/IEC 1502G.
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TESTING
No.0042

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711397
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155186-1

Sample Number	2D133951-1
Sampled Date	4ec 06, 202D D:30 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_277D **Plot** A-7/1 **Site** Laem Chabang Tan(Services Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)7 days at 20 4egree CY	mg/L	-	2.0	100.0	≤700	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - x *	Rayong
x il G *rease	mg/L	-	3	9	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	5.6	7.7-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remar(:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711399
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155201-1

Sample Number	2D133955-1
Sampled Date	4ec 02, 202D 11:23 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2771 **Plot** B-5 **Site** Lung(a Products Asia Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)7 days at 20 4egree CY	mg/L	-	2.0	57.0	≤700	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - x *	Rayong
x il G *rease	mg/L	-	3	k3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY Q		-	-	6.6	7.7-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
- Lx4 : Limit of 4etection
- -k< : Lower than Lx")Limit of " uantitationY / Lx R)Limit of ReportingY
- Analyte)sYmar(ed Q is/are not included in scope of Accreditation ISx /IEC 15027.
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134056
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155DD3-1

Sample Number	2D13D0_6-1
Sampled Date	4ec 02, 202D 10:D3 AM
Sample Description	Wastewater
Contract ID	L7WHA **Plot** B.12C **Site** MARU (lobal Co.,Ltd. CIE1700_72_65
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)_ days at 20 4egree CY	mg/L	-	2.0	102	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part _210 B, part D_00 - x (	Rayong
x il G (rease	mg/L	-	3	8	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY *		-	-	5.2	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

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Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104344
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D25-1

Sample Number	2D13D0DD-1
Sampled Date	4ec 02, 202D 3:_8 PM
Sample Description	Wastewater
Contract ID	LXWHA **Plot** F-1D **Site** MA(METAL INTERNATI) NAL C) MPANY LIMITE4 CIE1X001X2_66
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. 0APHA / USEPAx
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 Q_ days at 20 4egree Cx	mg/L	-	2.0	D_.6	≤_00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 -) G	Rayong
) il 7 Grease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH 0on sitex k		-	-	5.2	_._-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H 0Bx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
- L) 4 : Limit of 4etection
- <* < : Lower than L) " QLimit of " uantitationx / L) R QLimit of Reportingx
- Analyte0x marQed k is/are not included in scope of Accreditation IS) /IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104311
Oate ReceiDed : Oec 06, 2024
Oate Reported : Oec 13, 2024
Report Number : 31vv2v2-1

Sample Number	24134011-1
Sampled Date	Oec 06, 2024 10:55 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2560 **Plot** Z.5v **Site** Muntons Ingredients (Thailand) Co.,Ltd.
Date Analysis Commenced	Oec 06, 2024
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preserDation standards. (APHA / USEPA)
Physical Property	Blac7, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bk O (5 days at 20 Oegree C)	mg/L	-	2.0	14v	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - k G	Rayong
k il & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	v.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/256v : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040

Remar7 :
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- "<" : Lower than Lk Q (Limit of Quantitation) / Lk R (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133985
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 315521D-1

Sample Number	2D13398_-1
Sampled Date	4ec 06, 202D D:10 PM
Sample Description	Wastewater
Contract ID	L7CIE701272__5 **Plot** C-2,3,D **Site** Na(agawa Special Steel)ThailandY Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)_ days at 20 4egree CY	mg/L	-	2.0	29.1	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part _210 B, part D_00 - x *	Rayong
x il G *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY Q		-	-	5.5	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remar(:
- Lx 4 : Limit of 4etection
- -k < : Lower than Lx ")Limit of " uantitationY / Lx R)Limit of ReportingY
- Analyte)sY mar(ed Q is/are not included in scope of Accreditation ISx /IEC 1502_.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24714043
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D33-1

Sample Number	2D13D0D5-1
Sampled Date	4ec 06, 202D D:D0 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_00G_2G66 **Plot** Y2 **Site** NAM( ) NO TERMINAL PUBLIC C) MPAN(LIMITE4
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. xAPHA / USEPA&
Physical Property	(ellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 xG days at 20 4egree C&	mg/L	-	2.0	31.6	≤G00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part G210 B, part DG00 -) O	Rayong
) il * Orease	mg/L	-	3	k 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH xon site& j		-	-	8.0	G.G-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part DG00 - H xB&	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : Oeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remar\ :
- L) 4 : Limit of 4etection
- Q: Q : Lower than L) K xLimit of Kuantitation&/ L) R xLimit of Reporting&
- Analytexs&mar\ed j is/are not included in scope of Accreditation IS) /IEC 1502G.
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104355
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155DD2-1

Sample Number	2D13D0__-1
Sampled Date	4ec 02, 202D 10:2D AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700D72_65 **Plot** A.9A, A.10 **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	5.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	5.D	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24899131

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155220-1

Sample Number	2D133989-1
Sampled Date	4ec 02, 202D 10:25 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2760 **Plot** A-8A **Site** NBC Meshtec (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	53.1	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.D	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104305

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D12-1

Sample Number	2D13D03_-1
Sampled Date	4ec 02, 202D 10:_8 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700172_6_ **Plot** B-114 **Site** Nichiyu Asia (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	95.2	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	5.6	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24134056
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155181-1

Sample Number	2D13D06_-1
Sampled Date	4ec 02, 202D 10:09 AM
Sample Description	Wastewater
Contract ID	L(CIE(016(2__0 **Plot** A-D **Site** NI4EC 4ie-casting)ThailandOCo.,Ltd.
Location	Factory 1
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Colorless, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)_ days at 20 4egree CO	mg/L	-	2.0	<2.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - x G	Rayong
Cx 4	mg/L	1._	2_	<2_	≤5_0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _220 4	Rayong
x il 7 Grease	mg/L	-	3	<3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteO *		-	-	5.6	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BO	Rayong
Total Suspended Solids 4ried at 103-10_ degree C	mg/L	-	_	<_	≤200	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part 2_D0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133969
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155182-1

Sample Number	2D133969-1
Sampled Date	4ec 02, 202D 10:0_ AM
Sample Description	Wastewater
Contract ID	L7CIE702572__0 **Plot** A-_ **Site** NI4EC 4ie-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	2_.D	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	5.8	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24714073
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155392-1

Sample Number	2D13D015-1
Sampled Date	4ec 02, 202D 10:00 AM
Sample Description	Wastewater
Contract ID	L_CIE_002_2773 **Plot** A-6 **Site** NI4EC 4ie-casting (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and 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							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	21.1	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.5	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133994
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155232-1

Sample Number	2D13399D-1
Sampled Date	4ec 02, 202D 9:D_ AM
Sample Description	Wastewater
Contract ID	LGCIEG006G2_60 **Plot**)-1 **Site** Ni((ei MC Aluminium Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. QAPHA / USEPAY
Physical Property	xellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&4 Q_ days at 20 4egree CY	mg/L	-	2.0	19.1	≤_00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part _210 B, part D_00 - & k	Rayong
&il * krease	mg/L	-	3	j 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Qon siteY \		-	-	5.6	_._-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part D_00 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : keneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

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TESTING
No.0042

Lot ID: 24899133

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155218-1

Sample Number	2D133988-1
Sampled Date	4ec 06, 202D D:20 PM
Sample Description	Wastewater
Contract ID	L_CIE_007_2778 **Plot** A-7/2 **Site** Nual Chavee Engineering Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	100	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.7	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104350

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155DD0-1

Sample Number	2D13D0_3-1
Sampled Date	4ec 02, 202D 10:35 AM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700272_65 **Plot** B.12A **Site** PRISM TELEC(M ASIA LIMITE4
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4)_ days at 20 4egree CY	mg/L	-	2.0	10.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	5.1	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24899138
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155206-1

Sample Number	2D133981-1
Sampled Date	4ec 02, 202D 3:09 PM
Sample Description	Wastewater
Contract ID	L_CIE_01D_2G60 **Plot** 4-12/2A **Site** S.(. TAN) CLEANINO TERMINAL Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPAx
Physical Property	&ellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4 YG days at 20 4egree Cx	mg/L	-	2.0	88.9	≤G00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part G210 B, part DG00 - (O	Rayong
(il * Orease	mg/L	-	3	G	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH Yon sitex k		-	-	8.0	G.G-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part DG00 - H YBx	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : Oeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saj ulj ทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104334
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552D8-1

Sample Number	2D13D00D-1
Sampled Date	4ec 09, 202D 11:12 AM
Sample Description	Wastewater
Contract ID	L7CIE701072__6 **Plot** (-32 **Site** Sail Industry GThailandY Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	) ellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 G_ days at 20 4egree CY	mg/L	-	2.0	30.D	≤_00	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part _210 B, part D_00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Gon siteY *		-	-	5.5	_._-9.0	Standard Methods for the EQamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D_00 - H GBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : &neral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LZ4 : Limit of 4tection
- "<" : Lower than LZQ GLimit of QuantitationY / LZR GLimit of ReportingY
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24104354
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155DD1-1

Sample Number	2D13D07D-1
Sampled Date	4ec 09, 202D 11:05 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2765 **Plot** Z.27, Z.26 **Site** SAIL IN4 USTRG YTHAILAN4(C) MPANG LIMITE4
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Gellow, a lot of odour, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B) 4 Y7 days at 20 4egree C(	mg/L	-	2.0	11.2	≤700	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7210 B, part D700 -) &	Rayong
) il x &rease	mg/L	-	3	<3	≤10	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(*		-	-	5.6	7.7-9.0	Standard Methods for the EOamination of Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : &eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24104330
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 31552D5-1

Sample Number	2D13D003-1
Sampled Date	4ec 09, 202D 10:73 AM
Sample Description	Wastewater
Contract ID	L_CIE_032_2770 **Plot**)-33 **Site** SaGura Industry YThailand(Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 Y7 days at 20 4egree C(	mg/L	-	2.0	97.1	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O <	Rayong
Oil & <rease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(*		-	-	8.0	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

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Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164032
Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177296-1

Sample Number	24134062-1
Sampled Date	Dec 06, 2024 10:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Dec 06, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	20.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	110	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH (on site) *		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	232	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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TESTING
No.0009

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104362
Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177296-2

Sample Number	24134062-1
Sampled Date	Dec 06, 2024 10:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.003	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.48	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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Analysis / Test Report

TESTING
No.0009

Lot ID: 24104362

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177296-3

Sample Number	24134062-1
Sampled Date	Dec 06, 2024 10:35 AM
Sample Description	Wastewater
Contract ID	L_CIE_001_2555 **Plot** C-5,6 **Site** SANG CHAREON EASTERN GALVANIZE CO.,LTD
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.46	≤10.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai , Samart Khumphlee

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Analysis / Test Report

TESTING
No.0042

Lot ID: 24133999

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155239-1

Sample Number	2D133999-1
Sampled Date	4ec 02, 202D 1:_3 PM
Sample Description	Wastewater
Contract ID	L7CIE701872__5 **Plot** F-1_ **Site** SET (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	81.9	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	D	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) *		-	-	5.D	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24899113
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155238-1

Sample Number	2D133998-1
Sampled Date	4ec 02, 202D 2:23 PM
Sample Description	Wastewater
Contract ID	L_CIE_015_2GG5 **Plot** F-10 **Site** Shinsei (o)i CThailandY Comporation Limited.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. CAPHA / USEPAY
Physical Property	xellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&4 0G days at 20 4egree CY	mg/L	-	2.0	15.9	≤G00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part G210 B, part DG00 - & k	Rayong
&il * krease	mg/L	-	3	j 3	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH Qon siteY \		-	-	5.G	G.G-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA * WEF, 2Dth ed., 2023, part DG00 - H QBY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : keneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa)ul) ทะเบียนเลขที่ ว-323-จ-0021

Remar) :
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- AnalyteQsY mar)ed \ is/are not included in scope of Accreditation IS&/IEC 1502G.
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24133975
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155198-1

Sample Number	2D13395_-1
Sampled Date	4ec 06, 202D 9:_0 AM
Sample Description	Wastewater
Contract ID	LGCIEG015G2__0 **Plot** B-3 **Site** Shinwa (ogyo)ThailandOCo.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)_ days at 20 4egree CO	mg/L	-	2.0	k 2.0	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - x *	Rayong
x il 7 *rease	mg/L	-	3	k 3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteO j		-	-	5.1	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remar\ :
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- Q\ Q : Lower than Lx K)Limit of KuantitationO/ Lx R)Limit of ReportingO
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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711393
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155203-1

Sample Number	2D133959-1
Sampled Date	4ec 02, 202D 2:36 PM
Sample Description	Wastewater
Contract ID	L_CIE_018_2770 **Plot** 4-13/2 **Site** Siam Steel Mill Services Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	22.3	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	8.1	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711394
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155196-1

Sample Number	2D13395D-1
Sampled Date	4ec 02, 202D 10:D9 AM
Sample Description	Wastewater
Contract ID	L_CIE_00D_2775 **Plot** B-11A **Site** SPF (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and 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							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	10.6	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.2	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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7315-123/ EMAIL S:\Reports_All_GL.rpt (10:31AM)

Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133978
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 11, 202D
Report Number : 3155202-1

Sample Number	2D133958-1
Sampled Date	4ec 06, 202D 2:D0 PM
Sample Description	Wastewater
Contract ID	L_CIE_019_2770 **Plot** 4-D **Site** Taisei Plas (Thailand) Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (7 days at 20 4egree C)	mg/L	-	2.0	35.2	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH (on site) k		-	-	5.9	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133968
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 315521f-1

Sample Number	2D133986-1
Sampled Date	4ec 02, 202D 3:29 PM
Sample Description	Wastewater
Contract ID	LGCIEG003G2f f 8 **Plot** M-3 **Site** Tayih (enmos Auto Parts)ThailandOCo.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Yellow, a lot o_odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)f days at 20 4egree CO	mg/L	-	2.0	128	≤f00	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f210 B, part Df00 - x *	Rayong
x il 7 *rease	mg/L	-	3	k3	≤10	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH)on siteO j		-	-	5.9	f .f -9.0	Standard Methods _or the E&amination o_Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part Df00 - H)BO	Rayong

Guideline : Noti_ication o_the Industrial Estate Authority o_Thailand No.029/2f65 : *eneral Standards _or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa\ul\ ทะเบียนเลขที่ ว-323-จ-0021

Remar\ :
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24133980
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 315520D-1

Sample Number	2D133980-1
Sampled Date	4ec 02, 202D 3:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_005_2778 **Plot** 4-12/1A **Site** THAI ESC(RP LT4.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B(4)7 days at 20 4egree CY	mg/L	-	2.0	35.7	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - (G	Rayong
(il & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	5.D	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
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Client : WHA Utilities and Power Public Company Limited
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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24164036
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 31553D0-1

Sample Number	2D13D063-1
Sampled Date	4ec 06, 202D 2:00 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2GG9 **Plot** 4-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Oellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BY4 (G days at 20 4egree C)	mg/L	-	2.0	*2.0	≤G00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G210 B, part DG00 - Y 7	Rayong
CY4	mg/L	1.G	2G	*2G	≤5G0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part G220 4	Rayong
Yil & 7rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part GG20 B	Rayong
pH (on site) k		-	-	5.G	G.G-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part DG00 - H (B)	Rayong
Total 4issolved Solids 4ried at 180 degree C	mg/L	-	G	5D	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2GD0 C	Rayong
Total Suspended Solids 4ried at 103-10G degree C	mg/L	-	G	*G	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 2GD0 4	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2G65 : 7eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที ว-323-จ-00D0 , Samart j humphlee ทะเบียนเลขที ว-20D-จ-008D

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Analysis / Test Report

TESTING
No.0009

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Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104360
Date Received : Dec 06, 2024
Date Reported : Dec 13, 2024
Report Number : 3177340-2

Sample Number	24134063-1
Sampled Date	Dec 06, 2024 2:00 PM
Sample Description	Wastewater
Contract ID	L5CIE500152__9 **Plot** D-9 **Site** Thai Huawei Battery Co.,Ltd.
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one amber glass bottle and 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
Metals Testing							
Lead	mg/L	0.0003	0.000_	0.002	≤0.2	Standard Methods for the Ekamination of Water and Wastewater. APHA, AWWA x WEF, 24th ed., 2023, part 312_ B,3030 F	Bang&o&

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_67 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-0040 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24711339
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155235-1

Sample Number	2D133995-1
Sampled Date	4ec 02, 202D 2:10 PM
Sample Description	Wastewater
Contract ID	L_CIE_001_2((2 **Plot** F-12 **Site** Thai Instant Products Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAO
Physical Property	Blacx, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
B&4)(days at 20 4egree CO	mg/L	-	2.0	350	≤(00	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part (210 B, part D(00 - & <	Rayong
&il G <rease	mg/L	-	3	(	≤10	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part ((20 B	Rayong
pH)on siteO *		-	-	6.9	(.(-9.0	Standard Methods for the E7amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D(00 - H)BO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2(65 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Saxulx ทะเบียนเลขที่ ว-323-จ-0021

Remarx :
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- Q Q : Lower than L&k)Limit of k uantitationO/ L&R)Limit of ReportingO
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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24164043
4ate Received : 4ec 06, 202D
4ate Reported : 4ec 13, 202D
Report Number : 3155D30-1

Sample Number	2D13D0D6-1
Sampled Date	4ec 06, 202D 1:30 PM
Sample Description	Wastewater
Contract ID	L7WHA CIE1700D72_66 **Plot**)-60,)61,)61B **Site** THAI GUT4G PGWER TECHNGLGY(Co.,Ltd.
Date Analysis Commenced	4ec 06, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. ZAPHA / USEPAO
Physical Property	(ellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 Z_ days at 20 4egree CO	mg/L	-	2.0	<2.0	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - G Y	Rayong
Gil & Yrease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH Zon siteO *		-	-	5.2	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H ZBO	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : Yeneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-จ-00D0

Remark :
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TESTING
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

Lot ID: 24104342
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D22-1

Sample Number	2D13D0D2-1
Sampled Date	4ec 02, 202D 3:_1 PM
Sample Description	Wastewater
Contract ID	L7CIE701172_60 **Plot** E.6 **Site** Thai Rung Union Car Public Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)
Physical Property	Yellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 (_ days at 20 4egree C)	mg/L	-	2.0	101	≤_00	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part _210 B, part D_00 - O G	Rayong
Oil & Grease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part __20 B	Rayong
pH (on site) k		-	-	8.D	_._-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D_00 - H (B)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQทะเบียนเลขที่ ว-323-จ-0021

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Analysis / Test Report

TESTING
No.0042

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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24134940
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D3f-1

Sample Number	2D13D0D9-1
Sampled Date	4ec 09, 202D 10:f 6 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_005_2f 66 **Plot**).21 **Site** TGGLS INTERNATIGNAL YTHAILAN4(Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and a lot o7turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BG4 Yf days at 20 4egree C(	mg/L	-	2.0	D0.f	≤f 00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - G &	Rayong
Gil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(*		-	-	5.D	f .f -9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LG4 : Limit o74etection
- "<" : Lower than LGQ YLimit o7Quantitation(/ LGR YLimit o7Reporting(
- AnalyteYs(marked * is/are not included in scope o7Accreditation ISG/IEC 1502f .
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Analysis / Test Report

TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24134057
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155DDD-1

Sample Number	2D13D075-1
Sampled Date	4ec 09, 202D 9:7D AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2765 **Plot**).D,).DA,).DC **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, some odour, solid, and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 Y7 days at 20 4egree C(	mg/L	-	2.0	*2.0	≤700	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7210 B, part D700 - O <	Rayong
Oil & <rease	mg/L	-	3	*3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH Yon site(k		-	-	5.6	7.7-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part D700 - H YB(	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : <eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG :
- LO4 : Limit of 4etection
- "*" : Lower than LOQ YLimit of Quantitation(/ LOR YLimit of Reporting(
- AnalyteYs(marGed k is/are not included in scope of Accreditation ISO/IEC 15027.
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TESTING
No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24714013
4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 3155D1f-1

Sample Number	2D13D035-1
Sampled Date	4ec 09, 202D 2:11 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_003_2f 6f **Plot**)-6D **Site** Top LinG Industrial YThailand(Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. YAPHA / USEPA(
Physical Property	Zellow, a lot o7odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BO4 Yf days at 20 4egree C(	mg/L	-	2.0	33.6	≤f 00	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f 210 B, part Df 00 - O <	Rayong
Oil & <rease	mg/L	-	3	f	≤10	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part f f 20 B	Rayong
pH Yon site(*		-	-	5.9	f .f -9.0	Standard Methods 7or the Examination o7Water and Wastewater. APHA, AWWA & WEF, 2Dth ed., 2023, part Df 00 - H YB(	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f 65 : <eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaGulG ทะเบียนเลขที่ ว-323-จ-0021

RemarG :
- LO4 : Limit o74etection
- Q' Q : Lower than LOk YLimit o7k uantitation(/ LOR YLimit o7Reporting(
- AnalyteYs(marGed * is/are not included in scope o7Accreditation ISO/IEC 1502f .
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Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location : WHA CIE 1

Lot ID: 24104320
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155398-1

Sample Number	2D13D023-1
Sampled Date	4ec 02, 202D 11:13 AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_012_2763 **Plot** B-9 **Site** Toyoda Sei(o)ThailandY Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid, and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)7 days at 20 4egree CY	mg/L	-	2.0	D7.1	≤700	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7210 B, part D700 - x *	Rayong
x il G *rease	mg/L	-	3	D	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part 7720 B	Rayong
pH)on siteY k		-	-	5.3	7.7-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA G WEF, 2Dth ed., 2023, part D700 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2765 : *eneral Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sa(ul(ทะเบียนเลขที่ ว-323-จ-0021

Remar(:
- Lx 4 : Limit of 4etection
- "<" : Lower than Lx Q)Limit of QuantitationY / Lx R)Limit of ReportingY
- Analyte)sY mar{ed k is/are not included in scope of Accreditation ISx /IEC 15027.
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Analysis / Test Report

TESTING
No.0042

Lot ID: 24104323

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 09, 202D
4ate Reported : 4ec 1D, 202D
Report Number : 315539f-1

Sample Number	2D13D020-1
Sampled Date	4ec 09, 202D 1:D5 PM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2f63 **Plot** (-ff4 **Site** Ultimate Springs GThailandY Co.,Ltd.
Date Analysis Commenced	4ec 09, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. GAPHA / USEPAY
Physical Property	)ellow, some odour, a lot o7solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BZ4 (f days at 20 4egree CY	mg/L	-	2.0	6.D	≤f00	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part f210 B, part Df00 - Z &	Rayong
Zil x &rease	mg/L	-	3	<3	≤10	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part ff20 B	Rayong
pH Gon siteY *		-	-	5.f	f.f-9.0	Standard Methods 7or the EOamination o7Water and Wastewater. APHA, AWWA x WEF, 2Dth ed., 2023, part Df00 - H GBY	Rayong

Guideline : Noti7cation o7the Industrial Estate Authority o7Thailand No.029/2f65 : &eneral Standards 7or Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-จ-0021

Remark :
- LZ4 : Limit o74etection
- "<" : Lower than LZQ OLimit o7QuantitationY / LZR OLimit o7ReportingY
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TESTING
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Lot ID: 24155993

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory l Monthly
Project Location: WHA CIE 1

4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 315523D-1

Sample Number	2D13399_-1
Sampled Date	4ec 02, 202D 2:29 PM
Sample Description	Wastewater
Contract ID	LVCIEV023V2__0 **Plot** F-9 **Site** (an Leeuwen Pipe and Tube)ThailandY Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx4)_ days at 20 4egree CY	mg/L	-	2.0	6D.8	≤_00	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part _210 B, part D_00 - x G	Rayong
x il 7 Grease	mg/L	-	3	*3	≤10	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part __20 B	Rayong
pH)on siteY k		-	-	5._	_._-9.0	Standard Methods for the E&amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part D_00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2_65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQulQ ทะเบียนเลขที่ ว-323-จ-0021

RemarQ:
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- <* < : Lower than Lx")Limit of " uantitationY / Lx R)Limit of ReportingY
- Analyte)sY marQed k is/are not included in scope of Accreditation ISx/IEC 1502_.
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No.0042

Client : WHA Utilities and Power Public Company Limited
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi
Thailand 20230
P/O :
Project Name : Factory I Monthly
Project Location : WHA CIE 1

Lot ID: 24104341
4ate Received : 4ec 02, 202D
4ate Reported : 4ec 09, 202D
Report Number : 3155D21-1

Sample Number	2D13D0D1-1
Sampled Date	4ec 02, 202D 11:0D AM
Sample Description	Wastewater
Contract ID	L_WHA CIE1_006_2V6V **Plot** B-10C **Site** (-SACHET Co.,Ltd.
Date Analysis Commenced	4ec 02, 202D
Condition of Sample	Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.)APHA / USEPAY
Physical Property	Oellow, a lot of odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Bx 4)V days at 20 4egree CY	mg/L	-	2.0	61.2	≤V00	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part V210 B, part DV00 - x G	Rayong
x il 7 Grease	mg/L	-	3	*3	≤10	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part VV20 B	Rayong
pH)on siteY k		-	-	5.5	V.V-9.0	Standard Methods for the E8amination of Water and Wastewater. APHA, AWWA 7 WEF, 2Dth ed., 2023, part DV00 - H)BY	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2V65 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.
Sampling By : Suphanat SaQuIQทะเบียนเลขที ว-323-จ-0021

RemarQ:
- Lx 4 : Limit of 4etection
- <* < : Lower than Lx ")Limit of " uantitationY/ Lx R)Limit of ReportingY
- Analyte)sY marQed k is/are not included in scope of Accreditation ISx/IEC 1502V.
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[redacted]

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ระดับเสียงโดยทั่วไป

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report Number: 3083447-1

Sample Number	2482490-1
Parameter	Noise (Leq 24hrs)
Location	บริเวณเริมรั้วนิคมฯ 0726905E 1443663N
Measurement Date	Aug 06 - Aug 07, 2024
Measurement by	Anuwet Tema
Sound Level meter	Serial No. 296515

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	63.4	87.4	59.2
12:00 PM - 01:00 PM	62.6	76.7	58.4
01:00 PM - 02:00 PM	62.4	79.9	57.9
02:00 PM - 03:00 PM	63.2	84.4	59.0
03:00 PM - 04:00 PM	62.8	78.0	58.7
04:00 PM - 05:00 PM	63.8	84.7	59.5
05:00 PM - 06:00 PM	64.8	78.8	60.7
06:00 PM - 07:00 PM	65.2	87.6	60.9
07:00 PM - 08:00 PM	65.0	80.6	61.1
08:00 PM - 09:00 PM	65.2	85.2	60.4
09:00 PM - 10:00 PM	63.5	87.5	57.7
10:00 PM - 11:00 PM	62.0	82.8	53.7
11:00 PM - 12:00 AM	59.2	79.0	51.0
12:00 AM - 01:00 AM	58.1	75.2	48.3
01:00 AM - 02:00 AM	56.4	74.0	49.1
02:00 AM - 03:00 AM	55.9	72.8	47.0
03:00 AM - 04:00 AM	55.9	73.7	46.2
04:00 AM - 05:00 AM	60.6	86.8	47.2
05:00 AM - 06:00 AM	61.0	79.2	52.7
06:00 AM - 07:00 AM	65.3	80.6	60.2
07:00 AM - 08:00 AM	67.7	85.0	64.5
08:00 AM - 09:00 AM	66.7	85.4	62.8
09:00 AM - 10:00 AM	64.7	82.1	60.7
10:00 AM - 11:00 AM	64.8	86.1	60.2
Leq Average 24 hrs. (dB(A))	63.5		
Lmax (dB(A))		87.6	
L90 (dB(A))			58.7
Ldn (dB(A))	67.8		
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.

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TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report 7umber: 3083448-1

Sample Number	2482490-2
Parameter	7oise fLe(24hrsq
Location	บริเวณเริมรั้วนิคมฯ 0) 26905E 14436637
Measurement Date	Aug 0) - Aug 08, 2024
Measurement by	Anuwet Tema
Sound Level meter	Serial 7o. 296515

Time	Le(fdBfAqq	Lmax fdBfAqq	L90 fdBfAqq
11:00 AM - 12:00 PM	63.3	)5.5	59.1
12:00 PM - 01:00 PM	63.8	81.9	59.6
01:00 PM - 02:00 PM	63.4	82.5	59.1
02:00 PM - 03:00 PM	63.2	84.8	58.9
03:00 PM - 04:00 PM	65.5	8).8	61.)
04:00 PM - 05:00 PM	66.0	84.2	62.0
05:00 PM - 06:00 PM	66.1	83.3	62.5
06:00 PM - 0):00 PM	66.4	89.0	61.6
0):00 PM - 08:00 PM	65.1	80.1	61.1
08:00 PM - 09:00 PM	65.1	81.4	59.9
09:00 PM - 10:00 PM	62.9	)9.6	5).1
10:00 PM - 11:00 PM	63.2	89.1	54.9
11:00 PM - 12:00 AM	58.9	)4.6	50.4
12:00 AM - 01:00 AM	60.1	86.1	48.9
01:00 AM - 02:00 AM	56.2	)1.3	46.1
02:00 AM - 03:00 AM	5).5	)5.0	4).1
03:00 AM - 04:00 AM	5).5	)9.8	44.9
04:00 AM - 05:00 AM	59.5	82.3	48.5
05:00 AM - 06:00 AM	61.1	)2.)	53.3
06:00 AM - 0):00 AM	66.4	90.9	60.4
0):00 AM - 08:00 AM	6).5	82.8	64.3
08:00 AM - 09:00 AM	65.)	83.2	62.0
09:00 AM - 10:00 AM	64.)	)).1	60.)
10:00 AM - 11:00 AM	65.9	8).5	61.4
Le(Average 24 hrs. fdBfAqq	64.1		
Lmax fdBfAqq		90.9	
L90 fdBfAqq			59.1
Ldn fdBfAqq	68.5		
Standard fdBfAqq	)0	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 fพ.ศ. 2540qเรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1)025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report 7umber: 3083449-1

Sample Number 2482490-3
Parameter 7oise fLe(24hrsq
Location บริเวณเริมรั้วนิคมฯ 0)26905E 14436637
Measurement Date Aug 08 - Aug 09, 2024
Measurement by Anuwet Tema
Sound Level meter Serial 7o. 296515

Time	Le(fdBfAqq	Lmax fdBfAqq	L90 fdBfAqq
11:00 AM - 12:00 PM	65.1	83.4	61.0
12:00 PM - 01:00 PM	63.8	)8.2	59.5
01:00 PM - 02:00 PM	63.2	81.6	59.0
02:00 PM - 03:00 PM	64.6	86.3	60.5
03:00 PM - 04:00 PM	65.6	91.0	60.0
04:00 PM - 05:00 PM	64.9	81.0	61.0
05:00 PM - 06:00 PM	66.3	85.3	62.2
06:00 PM - 0) :00 PM	66.6	93.6	61.8
0) :00 PM - 08:00 PM	65.8	8).3	61.3
08:00 PM - 09:00 PM	64.8	84.8	60.1
09:00 PM - 10:00 PM	63.5	85.8	5).)
10:00 PM - 11:00 PM	60.)	)9.)	54.1
11:00 PM - 12:00 AM	59.3	80.6	51.1
12:00 AM - 01:00 AM	58.5	)6.)	49.0
01:00 AM - 02:00 AM	56.1	)2.2	46.8
02:00 AM - 03:00 AM	5).)	80.2	4).4
03:00 AM - 04:00 AM	5).1	)).4	4).1
04:00 AM - 05:00 AM	60.5	95.3	48.5
05:00 AM - 06:00 AM	60.9	)6.1	52.)
06:00 AM - 0) :00 AM	66.0	88.3	60.8
0) :00 AM - 08:00 AM	6).3	84.9	64.0
08:00 AM - 09:00 AM	65.)	82.4	62.4
09:00 AM - 10:00 AM	64.3	82.0	60.8
10:00 AM - 11:00 AM	64.5	91.8	59.8
Le(Average 24 hrs. fdBfAqq	64.0		
Lmax fdBfAqq		95.3	
L90 fdBfAqq			59.8
Ldn fdBfAqq	68.1		
Standard fdBfAqq	)0	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540q เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1)025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report 7umber: 3083450-1

Sample Number 2482490-4
Parameter 7oise fLe(24hrsq
Location บริเวณชุมชนบ้านยางเอน 0)24553E 144894)7
Measurement Date Aug 06 - Aug 0), 2024
Measurement by Anuwet Tema
Sound Level meter Serial 7o. 296516

Time	Le(fdBfAqq	Lmax fdBfAqq	L90 fdBfAqq
10:00 AM - 11:00 AM	54.3	)).9	45.6
11:00 AM - 12:00 PM	52.4	69.5	44.6
12:00 PM - 01:00 PM	54.0	)3.6	44.4
01:00 PM - 02:00 PM	51.6	)1.9	44.)
02:00 PM - 03:00 PM	58.2	86.3	46.6
03:00 PM - 04:00 PM	56.3	)8.3	4).9
04:00 PM - 05:00 PM	58.0	8).2	48.6
05:00 PM - 06:00 PM	5).2	84.9	4).1
06:00 PM - 0) :00 PM	53.4	)5.4	46.1
0) :00 PM - 08:00 PM	52.5	)4.2	45.8
08:00 PM - 09:00 PM	51.6	)1.)	44.5
09:00 PM - 10:00 PM	49.)	)5.)	44.3
10:00 PM - 11:00 PM	48.1	6).9	44.2
11:00 PM - 12:00 AM	45.2	66.4	42.0
12:00 AM - 01:00 AM	64.3	84.1	46.4
01:00 AM - 02:00 AM	58.9	)6.4	41.8
02:00 AM - 03:00 AM	46.4	6).4	42.2
03:00 AM - 04:00 AM	49.5	)1.9	43.1
04:00 AM - 05:00 AM	49.2	)3.4	44.8
05:00 AM - 06:00 AM	58.2	)9.8	51.1
06:00 AM - 0) :00 AM	56.)	)8.6	51.5
0) :00 AM - 08:00 AM	56.1	80.)	48.)
08:00 AM - 09:00 AM	55.9	)6.)	46.3
09:00 AM - 10:00 AM	53.8	)6.2	44.)
Le(Average 24 hrs. fdBfAqq	56.0		
Lmax fdBfAqq		8).2	
L90 fdBfAqq			44.8
Ldn fdBfAqq	63.5		
Standard fdBfAqq	)0	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540q เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1)025.

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354-121/ EMAIL S:\Reports_Air Noise.rpt (4:41PM)

Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report 7umber: 3083451-1

Sample Number 2482490-5
Parameter 7oise fLe(24hrsq
Location บริเวณชุมชนบ้านยางเอน 0)24553E 144894)7
Measurement Date Aug 0) - Aug 08, 2024
Measurement by Anuwet Tema
Sound Level meter Serial 7o. 296516

Time	Le(fdBfAqq	Lmax fdBfAqq	L90 fdBfAqq
10:00 AM - 11:00 AM	58.2	88.4	45.2
11:00 AM - 12:00 PM	53.6	)3.0	46.3
12:00 PM - 01:00 PM	53.5	))8	45.2
01:00 PM - 02:00 PM	51.3	69.5	45.6
02:00 PM - 03:00 PM	51.4	)8.8	44.5
03:00 PM - 04:00 PM	55.5	80.5	46.0
04:00 PM - 05:00 PM	55.3	)3.3	49.9
05:00 PM - 06:00 PM	53.8	)1.0	4).2
06:00 PM - 0):00 PM	54.1	)4.0	46.3
0):00 PM - 08:00 PM	53.8	82.3	4).3
08:00 PM - 09:00 PM	53.4	)2.3	48.2
09:00 PM - 10:00 PM	4).)	68.4	43.5
10:00 PM - 11:00 PM	4).4	)1.5	41.)
11:00 PM - 12:00 AM	46.0	6).4	41.5
12:00 AM - 01:00 AM	43.9	62.5	41.6
01:00 AM - 02:00 AM	43.6	60.5	41.3
02:00 AM - 03:00 AM	45.5	61.6	42.9
03:00 AM - 04:00 AM	4).5	65.)	43.)
04:00 AM - 05:00 AM	48.1	62.9	44.8
05:00 AM - 06:00 AM	56.)	)5.8	48.8
06:00 AM - 0):00 AM	56.)	)))	50.9
0):00 AM - 08:00 AM	55.3	83.0	4).5
08:00 AM - 09:00 AM	53.8	)5.9	45.1
09:00 AM - 10:00 AM	52.2	)0.0	45.4
Le(Average 24 hrs. fdBfAqq	53.3		
Lmax fdBfAqq		88.4	
L90 fdBfAqq			45.2
Ldn fdBfAqq	58.3		
Standard fdBfAqq	)0	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 f.ศ. 2540q เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 1)025.

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Analysis / Test Report

TESTING
No.0042

Client : WHA Industrial Development Public Company Limited
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi Thailand 20230
P/O : 54240204
Project Name : Monitoring
Project Location : WHA CIE 1

Lot ID: 2482490
Date Received : Aug 09, 2024
Date Reported : Aug 15, 2024
Report 7umber: 3083452-1

Sample Number 2482490-f
Parameter 7oise (Leq 24hrs)
Location บริเวณชุมชนบ้านยางเอน 0624553E 14489467
Measurement Date Aug 08 - Aug 09, 2024
Measurement by Anuwet Tema
Sound Level meter Serial 7o. 29f51f

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.5	64.1	4f.2
11:00 AM - 12:00 PM	52.4	61.9	45.3
12:00 PM - 01:00 PM	53.f	6f.0	45.3
01:00 PM - 02:00 PM	52.6	68.3	45.3
02:00 PM - 03:00 PM	52.5	f8.3	44.6
03:00 PM - 04:00 PM	5f.4	82.3	46.0
04:00 PM - 05:00 PM	55.0	69.1	46.4
05:00 PM - 0f:00 PM	54.0	69.0	46.2
0f:00 PM - 06:00 PM	54.1	61.3	48.8
06:00 PM - 08:00 PM	54.2	68.9	48.4
08:00 PM - 09:00 PM	53.6	63.4	50.1
09:00 PM - 10:00 PM	51.f	6f.0	48.9
10:00 PM - 11:00 PM	50.4	82.8	44.9
11:00 PM - 12:00 AM	48.4	66.0	43.9
12:00 AM - 01:00 AM	46.2	61.0	41.8
01:00 AM - 02:00 AM	45.5	f4.6	41.8
02:00 AM - 03:00 AM	4f.2	f4.4	42.2
03:00 AM - 04:00 AM	49.0	66.2	43.f
04:00 AM - 05:00 AM	51.1	6f.6	45.5
05:00 AM - 0f:00 AM	56.4	65.1	50.5
0f:00 AM - 06:00 AM	5f.2	6f.f	51.1
06:00 AM - 08:00 AM	55.8	64.1	48.3
08:00 AM - 09:00 AM	56.1	85.8	45.3
09:00 AM - 10:00 AM	54.3	6f.0	46.6
Leq Average 24 hrs. (dB(A))	53.f		
Lmax (dB(A))		85.8	
L90 (dB(A))			45.5
Ldn (dB(A))	58.9		
Standard (dB(A))	60	115	

Reference Method : ISO199f-1 and 199f-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 16025.

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