

ภาคผนวก ค

ใบรับรองผลการวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593443

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3421665-1

Page 1 of 1

Sample Description Air Quality
Location องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593443-1	2593443-2	2593443-3	2593443-4	2593443-5	2593443-6	2593443-7
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
10:00 AM - 11:00 AM	0.0061	0.0079	0.0077	0.0068	0.0076	0.0095	0.0161
11:00 AM - 12:00 PM	0.0054	0.0207	0.0073	0.0059	0.0069	0.0075	0.0168
12:00 PM - 01:00 PM	0.0051	0.0121	0.0065	0.0047	0.0068	0.0112	0.0130
01:00 PM - 02:00 PM	0.0050	0.0104	0.0068	0.0050	0.0067	0.0096	0.0085
02:00 PM - 03:00 PM	0.0050	0.0108	0.0077	0.0078	0.0062	0.0074	0.0072
03:00 PM - 04:00 PM	0.0044	0.0098	0.0068	0.0076	0.0071	0.0076	0.0063
04:00 PM - 05:00 PM	0.0049	0.0082	0.0132	0.0065	0.0064	0.0075	0.0132
05:00 PM - 06:00 PM	0.0057	0.0067	0.0180	0.0099	0.0077	0.0121	0.0145
06:00 PM - 07:00 PM	0.0058	0.0052	0.0240	0.0102	0.0073	0.0095	0.0084
07:00 PM - 08:00 PM	0.0043	0.0082	0.0226	0.0148	0.0065	0.0065	0.0065
08:00 PM - 09:00 PM	0.0038	0.0114	0.0218	0.0121	0.0061	0.0059	0.0064
09:00 PM - 10:00 PM	0.0029	0.0125	0.0189	0.0120	0.0080	0.0057	0.0097
10:00 PM - 11:00 PM	0.0028	0.0181	0.0187	0.0124	0.0157	0.0073	0.0099
11:00 PM - 12:00 AM	0.0026	0.0134	0.0144	0.0124	0.0146	0.0084	0.0127
12:00 AM - 01:00 AM	0.0025	0.0135	0.0131	0.0132	0.0118	0.0108	0.0098
01:00 AM - 02:00 AM	0.0026	0.0112	0.0112	0.0134	0.0126	0.0128	0.0123
02:00 AM - 03:00 AM	0.0030	0.0109	0.0098	0.0106	0.0107	0.0108	0.0115
03:00 AM - 04:00 AM	0.0027	0.0111	0.0090	0.0102	0.0115	0.0108	0.0086
04:00 AM - 05:00 AM	0.0033	0.0088	0.0083	0.0105	0.0095	0.0105	0.0085
05:00 AM - 06:00 AM	0.0028	0.0100	0.0067	0.0104	0.0084	0.0096	0.0107
06:00 AM - 07:00 AM	0.0070	0.0094	0.0066	0.0112	0.0112	0.0119	0.0082
07:00 AM - 08:00 AM	0.0051	0.0141	0.0078	0.0106	0.0108	0.0166	0.0086
08:00 AM - 09:00 AM	0.0034	0.0123	0.0077	0.0094	0.0144	0.0120	0.0090
09:00 AM - 10:00 AM	0.0047	0.0093	0.0070	0.0084	0.0097	0.0126	0.0071
Average	0.0042	0.0111	0.0117	0.0098	0.0093	0.0098	0.0101
1hr - Maximum	0.0070	0.0207	0.0240	0.0148	0.0157	0.0166	0.0168
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Orawan Rakyong

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593443

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439922-1

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Sample Description Air Quality
Location หมู่ที่ 9 บ้านห้วยตาเกล้า (A2)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593443-8	2593443-9	2593443-10	2593443-11	2593443-12	2593443-13	2593443-14
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
09:00 AM - 10:00 AM	0.0062	0.0101	0.0067	0.0041	0.0053	0.0066	0.0054
10:00 AM - 11:00 AM	0.0072	0.0042	0.0041	0.0040	0.0033	0.0046	0.0056
11:00 AM - 12:00 PM	0.0057	0.0040	0.0039	0.0035	0.0033	0.0034	0.0063
12:00 PM - 01:00 PM	0.0053	0.0036	0.0034	0.0033	0.0032	0.0033	0.0046
01:00 PM - 02:00 PM	0.0134	0.0034	0.0037	0.0031	0.0032	0.0036	0.0031
02:00 PM - 03:00 PM	0.0046	0.0036	0.0033	0.0031	0.0031	0.0034	0.0029
03:00 PM - 04:00 PM	0.0047	0.0036	0.0036	0.0029	0.0030	0.0035	0.0030
04:00 PM - 05:00 PM	0.0047	0.0034	0.0041	0.0031	0.0031	0.0037	0.0041
05:00 PM - 06:00 PM	0.0048	0.0035	0.0050	0.0034	0.0033	0.0035	0.0056
06:00 PM - 07:00 PM	0.0048	0.0032	0.0064	0.0035	0.0032	0.0045	0.0034
07:00 PM - 08:00 PM	0.0046	0.0036	0.0073	0.0038	0.0032	0.0038	0.0031
08:00 PM - 09:00 PM	0.0059	0.0037	0.0120	0.0037	0.0032	0.0034	0.0031
09:00 PM - 10:00 PM	0.0047	0.0044	0.0055	0.0042	0.0035	0.0033	0.0033
10:00 PM - 11:00 PM	0.0046	0.0058	0.0101	0.0039	0.0040	0.0036	0.0035
11:00 PM - 12:00 AM	0.0043	0.0067	0.0079	0.0045	0.0047	0.0037	0.0048
12:00 AM - 01:00 AM	0.0049	0.0064	0.0085	0.0077	0.0040	0.0042	0.0053
01:00 AM - 02:00 AM	0.0049	0.0079	0.0062	0.0081	0.0047	0.0042	0.0055
02:00 AM - 03:00 AM	0.0058	0.0065	0.0052	0.0045	0.0043	0.0044	0.0048
03:00 AM - 04:00 AM	0.0069	0.0052	0.0071	0.0044	0.0037	0.0048	0.0039
04:00 AM - 05:00 AM	0.0071	0.0041	0.0099	0.0079	0.0051	0.0057	0.0050
05:00 AM - 06:00 AM	0.0066	0.0055	0.0065	0.0054	0.0080	0.0048	0.0044
06:00 AM - 07:00 AM	0.0066	0.0058	0.0102	0.0060	0.0062	0.0050	0.0045
07:00 AM - 08:00 AM	0.0085	0.0104	0.0142	0.0074	0.0063	0.0103	0.0041
08:00 AM - 09:00 AM	0.0133	0.0061	0.0052	0.0055	0.0097	0.0066	0.0037
Average	0.0063	0.0052	0.0067	0.0046	0.0044	0.0045	0.0043
1hr - Maximum	0.0134	0.0104	0.0142	0.0081	0.0097	0.0103	0.0063
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593443

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439923-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านพันเสด็จใน (A3)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593443-15	2593443-16	2593443-17	2593443-18	2593443-19	2593443-20	2593443-21
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
11:00 AM - 12:00 PM	0.0036	0.0072	0.0205	0.0074	0.0062	0.0053	0.0118
12:00 PM - 01:00 PM	0.0036	0.0052	0.0103	0.0062	0.0056	0.0046	0.0061
01:00 PM - 02:00 PM	0.0036	0.0054	0.0051	0.0047	0.0044	0.0052	0.0037
02:00 PM - 03:00 PM	0.0039	0.0050	0.0044	0.0041	0.0042	0.0051	0.0040
03:00 PM - 04:00 PM	0.0043	0.0044	0.0045	0.0039	0.0040	0.0046	0.0041
04:00 PM - 05:00 PM	0.0043	0.0042	0.0044	0.0039	0.0039	0.0044	0.0048
05:00 PM - 06:00 PM	0.0042	0.0042	0.0043	0.0041	0.0038	0.0044	0.0047
06:00 PM - 07:00 PM	0.0111	0.0042	0.0042	0.0044	0.0039	0.0042	0.0051
07:00 PM - 08:00 PM	0.0042	0.0042	0.0042	0.0043	0.0039	0.0044	0.0052
08:00 PM - 09:00 PM	0.0043	0.0042	0.0044	0.0045	0.0039	0.0041	0.0051
09:00 PM - 10:00 PM	0.0042	0.0043	0.0044	0.0043	0.0042	0.0042	0.0050
10:00 PM - 11:00 PM	0.0043	0.0047	0.0048	0.0044	0.0050	0.0041	0.0051
11:00 PM - 12:00 AM	0.0047	0.0052	0.0049	0.0044	0.0059	0.0047	0.0048
12:00 AM - 01:00 AM	0.0056	0.0078	0.0050	0.0045	0.0047	0.0051	0.0048
01:00 AM - 02:00 AM	0.0057	0.0060	0.0055	0.0048	0.0047	0.0045	0.0045
02:00 AM - 03:00 AM	0.0046	0.0076	0.0058	0.0047	0.0046	0.0042	0.0044
03:00 AM - 04:00 AM	0.0046	0.0071	0.0064	0.0046	0.0043	0.0042	0.0047
04:00 AM - 05:00 AM	0.0050	0.0061	0.0060	0.0046	0.0043	0.0047	0.0048
05:00 AM - 06:00 AM	0.0052	0.0062	0.0056	0.0047	0.0040	0.0047	0.0043
06:00 AM - 07:00 AM	0.0052	0.0060	0.0058	0.0052	0.0040	0.0048	0.0039
07:00 AM - 08:00 AM	0.0053	0.0062	0.0062	0.0060	0.0044	0.0051	0.0038
08:00 AM - 09:00 AM	0.0065	0.0069	0.0069	0.0054	0.0044	0.0051	0.0037
09:00 AM - 10:00 AM	0.0053	0.0106	0.0068	0.0059	0.0045	0.0061	0.0035
10:00 AM - 11:00 AM	0.0063	0.0234	0.0075	0.0061	0.0047	0.0105	0.0041
Average	0.0050	0.0065	0.0062	0.0049	0.0045	0.0049	0.0048
1hr - Maximum	0.0111	0.0234	0.0205	0.0074	0.0062	0.0105	0.0118
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593443

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439924-1

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Sample Description Air Quality
Location หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593443-22	2593443-23	2593443-24	2593443-25	2593443-26	2593443-27	2593443-28
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
01:00 PM - 02:00 PM	0.0037	0.0041	0.0092	0.0045	0.0041	0.0044	0.0062
02:00 PM - 03:00 PM	0.0035	0.0036	0.0058	0.0039	0.0045	0.0047	0.0046
03:00 PM - 04:00 PM	0.0034	0.0036	0.0071	0.0037	0.0055	0.0051	0.0043
04:00 PM - 05:00 PM	0.0036	0.0037	0.0120	0.0040	0.0062	0.0065	0.0049
05:00 PM - 06:00 PM	0.0044	0.0038	0.0084	0.0039	0.0064	0.0070	0.0045
06:00 PM - 07:00 PM	0.0048	0.0057	0.0044	0.0064	0.0070	0.0073	0.0045
07:00 PM - 08:00 PM	0.0047	0.0113	0.0058	0.0067	0.0097	0.0146	0.0069
08:00 PM - 09:00 PM	0.0042	0.0105	0.0050	0.0060	0.0128	0.0206	0.0109
09:00 PM - 10:00 PM	0.0034	0.0062	0.0034	0.0059	0.0101	0.0219	0.0193
10:00 PM - 11:00 PM	0.0033	0.0066	0.0080	0.0052	0.0109	0.0229	0.0171
11:00 PM - 12:00 AM	0.0034	0.0054	0.0089	0.0047	0.0109	0.0103	0.0132
12:00 AM - 01:00 AM	0.0037	0.0057	0.0059	0.0041	0.0089	0.0077	0.0123
01:00 AM - 02:00 AM	0.0038	0.0100	0.0070	0.0047	0.0081	0.0086	0.0121
02:00 AM - 03:00 AM	0.0038	0.0074	0.0068	0.0041	0.0079	0.0092	0.0101
03:00 AM - 04:00 AM	0.0035	0.0099	0.0063	0.0047	0.0069	0.0083	0.0101
04:00 AM - 05:00 AM	0.0045	0.0071	0.0067	0.0051	0.0066	0.0087	0.0121
05:00 AM - 06:00 AM	0.0060	0.0072	0.0070	0.0066	0.0059	0.0081	0.0115
06:00 AM - 07:00 AM	0.0073	0.0066	0.0064	0.0047	0.0047	0.0082	0.0104
07:00 AM - 08:00 AM	0.0060	0.0064	0.0069	0.0065	0.0058	0.0063	0.0097
08:00 AM - 09:00 AM	0.0058	0.0046	0.0071	0.0094	0.0070	0.0082	0.0085
09:00 AM - 10:00 AM	0.0051	0.0052	0.0075	0.0091	0.0065	0.0100	0.0108
10:00 AM - 11:00 AM	0.0044	0.0046	0.0061	0.0063	0.0124	0.0081	0.0093
11:00 AM - 12:00 PM	0.0037	0.0092	0.0053	0.0048	0.0060	0.0055	0.0086
12:00 PM - 01:00 PM	0.0039	0.0111	0.0041	0.0050	0.0059	0.0065	0.0083
Average	0.0043	0.0066	0.0067	0.0054	0.0075	0.0095	0.0096
1hr - Maximum	0.0073	0.0113	0.0120	0.0094	0.0128	0.0229	0.0193
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593445

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3421667-1

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Sample Description Air Quality
Location องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593445-1	2593445-2	2593445-3	2593445-4	2593445-5	2593445-6	2593445-7
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
10:00 AM - 11:00 AM	0.0034	0.0041	0.0045	0.0041	0.0042	0.0045	0.0043
11:00 AM - 12:00 PM	0.0031	0.0041	0.0045	0.0045	0.0043	0.0044	0.0043
12:00 PM - 01:00 PM	0.0042	0.0040	0.0046	0.0044	0.0043	0.0044	0.0044
01:00 PM - 02:00 PM	0.0036	0.0038	0.0045	0.0043	0.0043	0.0044	0.0043
02:00 PM - 03:00 PM	0.0037	0.0045	0.0043	0.0044	0.0044	0.0043	0.0044
03:00 PM - 04:00 PM	0.0033	0.0043	0.0043	0.0045	0.0044	0.0044	0.0044
04:00 PM - 05:00 PM	0.0032	0.0043	0.0044	0.0045	0.0043	0.0044	0.0044
05:00 PM - 06:00 PM	0.0033	0.0043	0.0044	0.0044	0.0043	0.0044	0.0045
06:00 PM - 07:00 PM	0.0028	0.0045	0.0044	0.0044	0.0044	0.0044	0.0043
07:00 PM - 08:00 PM	0.0030	0.0044	0.0044	0.0045	0.0044	0.0044	0.0038
08:00 PM - 09:00 PM	0.0034	0.0044	0.0044	0.0046	0.0042	0.0044	0.0042
09:00 PM - 10:00 PM	0.0035	0.0044	0.0045	0.0044	0.0042	0.0044	0.0043
10:00 PM - 11:00 PM	0.0036	0.0045	0.0044	0.0045	0.0042	0.0045	0.0043
11:00 PM - 12:00 AM	0.0037	0.0044	0.0044	0.0043	0.0041	0.0045	0.0044
12:00 AM - 01:00 AM	0.0038	0.0044	0.0044	0.0043	0.0042	0.0041	0.0044
01:00 AM - 02:00 AM	0.0038	0.0043	0.0045	0.0044	0.0042	0.0044	0.0043
02:00 AM - 03:00 AM	0.0039	0.0045	0.0043	0.0046	0.0043	0.0046	0.0045
03:00 AM - 04:00 AM	0.0039	0.0044	0.0044	0.0045	0.0044	0.0046	0.0046
04:00 AM - 05:00 AM	0.0039	0.0041	0.0044	0.0044	0.0046	0.0046	0.0046
05:00 AM - 06:00 AM	0.0040	0.0043	0.0043	0.0044	0.0046	0.0045	0.0044
06:00 AM - 07:00 AM	0.0040	0.0044	0.0043	0.0044	0.0047	0.0043	0.0042
07:00 AM - 08:00 AM	0.0041	0.0044	0.0045	0.0043	0.0046	0.0043	0.0043
08:00 AM - 09:00 AM	0.0040	0.0043	0.0044	0.0041	0.0043	0.0044	0.0045
09:00 AM - 10:00 AM	0.0040	0.0044	0.0041	0.0045	0.0044	0.0044	0.0043
Average	0.0036	0.0043	0.0044	0.0044	0.0043	0.0044	0.0044
1hr - Maximum	0.0042	0.0045	0.0046	0.0046	0.0047	0.0046	0.0046
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593445

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439927-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 9 บ้านห้วยตาเกล้า (A2)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593445-8	2593445-9	2593445-10	2593445-11	2593445-12	2593445-13	2593445-14
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
09:00 AM - 10:00 AM	0.0056	0.0056	0.0058	0.0060	0.0061	0.0058	0.0057
10:00 AM - 11:00 AM	0.0055	0.0054	0.0058	0.0060	0.0060	0.0058	0.0057
11:00 AM - 12:00 PM	0.0054	0.0055	0.0058	0.0060	0.0060	0.0058	0.0057
12:00 PM - 01:00 PM	0.0054	0.0054	0.0057	0.0060	0.0059	0.0060	0.0058
01:00 PM - 02:00 PM	0.0054	0.0054	0.0058	0.0059	0.0059	0.0059	0.0058
02:00 PM - 03:00 PM	0.0054	0.0056	0.0058	0.0060	0.0059	0.0059	0.0058
03:00 PM - 04:00 PM	0.0054	0.0057	0.0058	0.0060	0.0059	0.0060	0.0059
04:00 PM - 05:00 PM	0.0054	0.0057	0.0059	0.0060	0.0060	0.0059	0.0057
05:00 PM - 06:00 PM	0.0054	0.0059	0.0059	0.0061	0.0060	0.0059	0.0059
06:00 PM - 07:00 PM	0.0054	0.0059	0.0060	0.0062	0.0061	0.0060	0.0060
07:00 PM - 08:00 PM	0.0054	0.0059	0.0060	0.0063	0.0061	0.0060	0.0061
08:00 PM - 09:00 PM	0.0054	0.0060	0.0061	0.0063	0.0061	0.0060	0.0061
09:00 PM - 10:00 PM	0.0054	0.0061	0.0061	0.0062	0.0061	0.0060	0.0061
10:00 PM - 11:00 PM	0.0053	0.0060	0.0062	0.0063	0.0061	0.0060	0.0061
11:00 PM - 12:00 AM	0.0053	0.0059	0.0062	0.0063	0.0061	0.0059	0.0061
12:00 AM - 01:00 AM	0.0053	0.0058	0.0063	0.0063	0.0061	0.0059	0.0060
01:00 AM - 02:00 AM	0.0053	0.0058	0.0064	0.0064	0.0061	0.0059	0.0060
02:00 AM - 03:00 AM	0.0053	0.0058	0.0063	0.0065	0.0061	0.0058	0.0060
03:00 AM - 04:00 AM	0.0053	0.0058	0.0047	0.0065	0.0060	0.0058	0.0060
04:00 AM - 05:00 AM	0.0054	0.0058	0.0061	0.0065	0.0060	0.0058	0.0059
05:00 AM - 06:00 AM	0.0054	0.0059	0.0061	0.0066	0.0061	0.0058	0.0059
06:00 AM - 07:00 AM	0.0054	0.0059	0.0061	0.0067	0.0060	0.0058	0.0058
07:00 AM - 08:00 AM	0.0055	0.0059	0.0062	0.0063	0.0059	0.0059	0.0059
08:00 AM - 09:00 AM	0.0056	0.0058	0.0061	0.0062	0.0059	0.0058	0.0059
Average	0.0054	0.0058	0.0060	0.0062	0.0060	0.0059	0.0059
1hr - Maximum	0.0056	0.0061	0.0064	0.0067	0.0061	0.0060	0.0061
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593445

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439928-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านพันเสด็จใน (A3)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593445-15 Oct 18, 2025	2593445-16 Oct 19, 2025	2593445-17 Oct 20, 2025	2593445-18 Oct 21, 2025	2593445-19 Oct 22, 2025	2593445-20 Oct 23, 2025	2593445-21 Oct 24, 2025
Time							
11:00 AM - 12:00 PM	0.0060	0.0062	0.0063	0.0066	0.0063	0.0063	0.0064
12:00 PM - 01:00 PM	0.0059	0.0061	0.0060	0.0063	0.0063	0.0064	0.0064
01:00 PM - 02:00 PM	0.0062	0.0066	0.0060	0.0063	0.0065	0.0063	0.0064
02:00 PM - 03:00 PM	0.0063	0.0053	0.0061	0.0063	0.0063	0.0064	0.0065
03:00 PM - 04:00 PM	0.0060	0.0047	0.0062	0.0065	0.0065	0.0065	0.0065
04:00 PM - 05:00 PM	0.0059	0.0022	0.0063	0.0064	0.0065	0.0064	0.0065
05:00 PM - 06:00 PM	0.0059	0.0035	0.0064	0.0064	0.0064	0.0063	0.0063
06:00 PM - 07:00 PM	0.0060	0.0043	0.0065	0.0064	0.0064	0.0064	0.0065
07:00 PM - 08:00 PM	0.0060	0.0048	0.0062	0.0065	0.0066	0.0064	0.0064
08:00 PM - 09:00 PM	0.0060	0.0052	0.0058	0.0063	0.0065	0.0065	0.0065
09:00 PM - 10:00 PM	0.0062	0.0057	0.0062	0.0065	0.0066	0.0064	0.0065
10:00 PM - 11:00 PM	0.0062	0.0057	0.0062	0.0062	0.0065	0.0064	0.0065
11:00 PM - 12:00 AM	0.0061	0.0055	0.0065	0.0064	0.0065	0.0059	0.0064
12:00 AM - 01:00 AM	0.0061	0.0057	0.0065	0.0065	0.0065	0.0063	0.0064
01:00 AM - 02:00 AM	0.0061	0.0058	0.0065	0.0065	0.0065	0.0064	0.0063
02:00 AM - 03:00 AM	0.0061	0.0059	0.0064	0.0065	0.0065	0.0064	0.0064
03:00 AM - 04:00 AM	0.0061	0.0059	0.0065	0.0064	0.0065	0.0064	0.0064
04:00 AM - 05:00 AM	0.0061	0.0061	0.0065	0.0062	0.0064	0.0065	0.0064
05:00 AM - 06:00 AM	0.0061	0.0061	0.0065	0.0067	0.0062	0.0063	0.0061
06:00 AM - 07:00 AM	0.0061	0.0060	0.0065	0.0066	0.0063	0.0064	0.0064
07:00 AM - 08:00 AM	0.0060	0.0063	0.0064	0.0066	0.0068	0.0068	0.0065
08:00 AM - 09:00 AM	0.0062	0.0064	0.0065	0.0068	0.0068	0.0068	0.0067
09:00 AM - 10:00 AM	0.0061	0.0067	0.0068	0.0067	0.0065	0.0064	0.0067
10:00 AM - 11:00 AM	0.0061	0.0063	0.0063	0.0064	0.0063	0.0063	0.0065
Average	0.0061	0.0055	0.0063	0.0065	0.0065	0.0064	0.0064
1hr - Maximum	0.0063	0.0067	0.0068	0.0068	0.0068	0.0068	0.0067
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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Approved by

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593445

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number: 3439929-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2025 - Oct 25, 2025
Measurement by Nontachai Uppathamp

	2593445-22	2593445-23	2593445-24	2593445-25	2593445-26	2593445-27	2593445-28
Time	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025	Oct 24, 2025
01:00 PM - 02:00 PM	0.0066	0.0034	0.0065	0.0052	0.0042	0.0039	0.0037
02:00 PM - 03:00 PM	0.0061	0.0036	0.0067	0.0051	0.0044	0.0039	0.0037
03:00 PM - 04:00 PM	0.0042	0.0037	0.0065	0.0050	0.0040	0.0039	0.0038
04:00 PM - 05:00 PM	0.0040	0.0038	0.0066	0.0048	0.0041	0.0040	0.0039
05:00 PM - 06:00 PM	0.0041	0.0041	0.0065	0.0048	0.0041	0.0040	0.0037
06:00 PM - 07:00 PM	0.0046	0.0043	0.0065	0.0048	0.0041	0.0039	0.0036
07:00 PM - 08:00 PM	0.0052	0.0046	0.0066	0.0047	0.0041	0.0039	0.0038
08:00 PM - 09:00 PM	0.0058	0.0047	0.0066	0.0049	0.0042	0.0038	0.0038
09:00 PM - 10:00 PM	0.0061	0.0048	0.0065	0.0048	0.0040	0.0038	0.0037
10:00 PM - 11:00 PM	0.0062	0.0050	0.0065	0.0048	0.0040	0.0039	0.0038
11:00 PM - 12:00 AM	0.0064	0.0051	0.0063	0.0045	0.0041	0.0038	0.0038
12:00 AM - 01:00 AM	0.0063	0.0054	0.0064	0.0045	0.0040	0.0037	0.0036
01:00 AM - 02:00 AM	0.0059	0.0054	0.0061	0.0046	0.0038	0.0038	0.0038
02:00 AM - 03:00 AM	0.0058	0.0056	0.0062	0.0045	0.0040	0.0038	0.0038
03:00 AM - 04:00 AM	0.0055	0.0056	0.0060	0.0045	0.0039	0.0037	0.0037
04:00 AM - 05:00 AM	0.0050	0.0057	0.0060	0.0045	0.0041	0.0039	0.0037
05:00 AM - 06:00 AM	0.0046	0.0057	0.0060	0.0045	0.0040	0.0038	0.0036
06:00 AM - 07:00 AM	0.0042	0.0058	0.0058	0.0046	0.0039	0.0038	0.0038
07:00 AM - 08:00 AM	0.0040	0.0058	0.0058	0.0044	0.0040	0.0039	0.0036
08:00 AM - 09:00 AM	0.0036	0.0061	0.0055	0.0044	0.0040	0.0039	0.0037
09:00 AM - 10:00 AM	0.0036	0.0061	0.0055	0.0044	0.0040	0.0038	0.0037
10:00 AM - 11:00 AM	0.0033	0.0065	0.0053	0.0043	0.0040	0.0037	0.0038
11:00 AM - 12:00 PM	0.0033	0.0065	0.0053	0.0043	0.0039	0.0037	0.0038
12:00 PM - 01:00 PM	0.0035	0.0067	0.0051	0.0043	0.0040	0.0038	0.0036
Average	0.0049	0.0052	0.0061	0.0046	0.0040	0.0038	0.0037
1hr - Maximum	0.0066	0.0067	0.0067	0.0052	0.0044	0.0040	0.0039
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 1 of 28

Sample Number	2593446-1
Sampled Date	Oct 18, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	18/10/25 - 19/10/25	mg/m3	-	0.002	0.025	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	18/10/25 - 19/10/25	ug/m3	-	5.0	10.2	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	18/10/25 - 19/10/25	mg/m3	-	0.002	0.039	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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.

Approved by

Thanita K.

Thanita Kulsuriwong
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Analysis / Test Report

TESTING
No.0042

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Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 2 of 28

Sample Number	2593446-2
Sampled Date	Oct 19, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	19/10/25 - 20/10/25	mg/m3	-	0.002	0.014	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	19/10/25 - 20/10/25	ug/m3	-	5.0	7.7	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	19/10/25 - 20/10/25	mg/m3	-	0.002	0.019	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

Remark :

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Approved by

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Thanita Kulsuriwong
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Analysis / Test Report

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No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 3 of 28

Sample Number	2593446-3
Sampled Date	Oct 20, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/10/25 - 21/10/25	mg/m3	-	0.002	0.021	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	20/10/25 - 21/10/25	ug/m3	-	5.0	10.6	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	20/10/25 - 21/10/25	mg/m3	-	0.002	0.033	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

Remark :

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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 4 of 28

Sample Number	2593446-4
Sampled Date	Oct 21, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.6 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/10/25 - 22/10/25	mg/m3	-	0.002	0.023	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	21/10/25 - 22/10/25	ug/m3	-	5.0	11.5	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	21/10/25 - 22/10/25	mg/m3	-	0.002	0.043	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

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Sample Number	2593446-5
Sampled Date	Oct 22, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/10/25 - 23/10/25	mg/m3	-	0.002	0.011	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	22/10/25 - 23/10/25	ug/m3	-	5.0	7.6	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	22/10/25 - 23/10/25	mg/m3	-	0.002	0.030	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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

Sampled By : Nontachai Uppathamp

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Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

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Sample Number	2593446-6
Sampled Date	Oct 23, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	23/10/25 - 24/10/25	mg/m3	-	0.002	0.012	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	23/10/25 - 24/10/25	ug/m3	-	5.0	8.9	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	23/10/25 - 24/10/25	mg/m3	-	0.002	0.029	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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

Sampled By : Nontachai Uppathamp

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Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-7
Sampled Date	Oct 24, 2025
Sample Description	Air Quality
Location	องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/10/25 - 25/10/25	mg/m3	-	0.002	0.018	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	24/10/25 - 25/10/25	ug/m3	-	5.0	8.5	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	24/10/25 - 25/10/25	mg/m3	-	0.002	0.036	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Sampled By : Nontachai Uppathamp

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P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-8
Sampled Date	Oct 18, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	18/10/25 - 19/10/25	mg/m3	-	0.002	0.027	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	18/10/25 - 19/10/25	ug/m3	-	5.0	12.8	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	18/10/25 - 19/10/25	mg/m3	-	0.002	0.038	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Sample Number	2593446-9
Sampled Date	Oct 19, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	19/10/25 - 20/10/25	mg/m3	-	0.002	0.019	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	19/10/25 - 20/10/25	ug/m3	-	5.0	11.1	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	19/10/25 - 20/10/25	mg/m3	-	0.002	0.026	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Report Number : 3421674-1

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Sample Number	2593446-10
Sampled Date	Oct 20, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/10/25 - 21/10/25	mg/m3	-	0.002	0.024	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	20/10/25 - 21/10/25	ug/m3	-	5.0	9.3	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	20/10/25 - 21/10/25	mg/m3	-	0.002	0.036	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-11
Sampled Date	Oct 21, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.6 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/10/25 - 22/10/25	mg/m3	-	0.002	0.025	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	21/10/25 - 22/10/25	ug/m3	-	5.0	8.9	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	21/10/25 - 22/10/25	mg/m3	-	0.002	0.033	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Sample Number	2593446-12
Sampled Date	Oct 22, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/10/25 - 23/10/25	mg/m3	-	0.002	0.019	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	22/10/25 - 23/10/25	ug/m3	-	5.0	10.2	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	22/10/25 - 23/10/25	mg/m3	-	0.002	0.027	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Sample Number	2593446-13
Sampled Date	Oct 23, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	23/10/25 - 24/10/25	mg/m3	-	0.002	0.022	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	23/10/25 - 24/10/25	ug/m3	-	5.0	7.2	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	23/10/25 - 24/10/25	mg/m3	-	0.002	0.031	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Sampled By : Nontachai Uppathamp

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P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Sample Number	2593446-14
Sampled Date	Oct 24, 2025
Sample Description	Air Quality
Location	หมู่ที่ 9 บ้านห้วยตาแล (A2)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/10/25 - 25/10/25	mg/m3	-	0.002	0.021	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	24/10/25 - 25/10/25	ug/m3	-	5.0	8.9	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	24/10/25 - 25/10/25	mg/m3	-	0.002	0.028	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

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Sample Number	2593446-15
Sampled Date	Oct 18, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	18/10/25 - 19/10/25	mg/m3	-	0.002	0.025	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	18/10/25 - 19/10/25	ug/m3	-	5.0	17.4	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	18/10/25 - 19/10/25	mg/m3	-	0.002	0.030	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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

Sampled By : Nontachai Uppathamp

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Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

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Sample Number	2593446-16
Sampled Date	Oct 19, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	19/10/25 - 20/10/25	mg/m3	-	0.002	0.023	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	19/10/25 - 20/10/25	ug/m3	-	5.0	11.5	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	19/10/25 - 20/10/25	mg/m3	-	0.002	0.037	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-17
Sampled Date	Oct 20, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/10/25 - 21/10/25	mg/m3	-	0.002	0.025	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	20/10/25 - 21/10/25	ug/m3	-	5.0	11.9	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	20/10/25 - 21/10/25	mg/m3	-	0.002	0.042	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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

Sampled By : Nontachai Uppathamp

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P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-18
Sampled Date	Oct 21, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.6 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/10/25 - 22/10/25	mg/m3	-	0.002	0.028	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	21/10/25 - 22/10/25	ug/m3	-	5.0	16.5	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	21/10/25 - 22/10/25	mg/m3	-	0.002	0.043	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

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Sample Number	2593446-19
Sampled Date	Oct 22, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/10/25 - 23/10/25	mg/m3	-	0.002	0.016	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	22/10/25 - 23/10/25	ug/m3	-	5.0	9.8	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	22/10/25 - 23/10/25	mg/m3	-	0.002	0.031	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-20
Sampled Date	Oct 23, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	23/10/25 - 24/10/25	mg/m3	-	0.002	0.017	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	23/10/25 - 24/10/25	ug/m3	-	5.0	7.6	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	23/10/25 - 24/10/25	mg/m3	-	0.002	0.034	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Page 21 of 28

Sample Number	2593446-21
Sampled Date	Oct 24, 2025
Sample Description	Air Quality
Location	โรงเรียนบ้านพันเสด็จใน (A3)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/10/25 - 25/10/25	mg/m3	-	0.002	0.014	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	24/10/25 - 25/10/25	ug/m3	-	5.0	7.6	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	24/10/25 - 25/10/25	mg/m3	-	0.002	0.021	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-22
Sampled Date	Oct 18, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	18/10/25 - 19/10/25	mg/m3	-	0.002	0.031	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	18/10/25 - 19/10/25	ug/m3	-	5.0	12.8	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	18/10/25 - 19/10/25	mg/m3	-	0.002	0.058	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Sampled By : Nontachai Uppathamp

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P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

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Sample Number	2593446-23
Sampled Date	Oct 19, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	19/10/25 - 20/10/25	mg/m3	-	0.002	0.025	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	19/10/25 - 20/10/25	ug/m3	-	5.0	13.2	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	19/10/25 - 20/10/25	mg/m3	-	0.002	0.046	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

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Sampled By : Nontachai Uppathamp

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

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Sample Number	2593446-24
Sampled Date	Oct 20, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/10/25 - 21/10/25	mg/m3	-	0.002	0.035	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	20/10/25 - 21/10/25	ug/m3	-	5.0	16.1	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	20/10/25 - 21/10/25	mg/m3	-	0.002	0.059	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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.

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 25 of 28

Sample Number	2593446-25
Sampled Date	Oct 21, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.6 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/10/25 - 22/10/25	mg/m3	-	0.002	0.030	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	21/10/25 - 22/10/25	ug/m3	-	5.0	14.0	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	21/10/25 - 22/10/25	mg/m3	-	0.002	0.053	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

Remark :

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 26 of 28

Sample Number	2593446-26
Sampled Date	Oct 22, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/10/25 - 23/10/25	mg/m3	-	0.002	0.023	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	22/10/25 - 23/10/25	ug/m3	-	5.0	8.9	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	22/10/25 - 23/10/25	mg/m3	-	0.002	0.048	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 27 of 28

Sample Number	2593446-27
Sampled Date	Oct 23, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	23/10/25 - 24/10/25	mg/m3	-	0.002	0.020	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	23/10/25 - 24/10/25	ug/m3	-	5.0	8.5	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	23/10/25 - 24/10/25	mg/m3	-	0.002	0.047	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

Remark :

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

Lot ID: 2593446

Date Received : Oct 27, 2025

Date Reported : Oct 31, 2025

Report Number : 3421674-1

Page 28 of 28

Sample Number	2593446-28
Sampled Date	Oct 24, 2025
Sample Description	Air Quality
Location	หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Date Analysis Commenced	Oct 27, 2025
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	756 mmHg
Atmospheric Temperature	29.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/10/25 - 25/10/25	mg/m3	-	0.002	0.020	0.12	United States Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	24/10/25 - 25/10/25	ug/m3	-	5.0	10.6	37.5	U.S. Environmental Protection Agency, EPA Method 40 CFR Part 50, Appendix L	NEB 2022 Rayong	
Total Suspended Particulate	24/10/25 - 25/10/25	mg/m3	-	0.002	0.044	0.33	United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Rayong	

Guideline :

NEB 2022 : Notification of the National Environmental Board., 2022 (B.E.2565)

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

Sampled By : Nontachai Uppathamp

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
, Khao Khan Song, Siracha, Chonburi 21110

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

P/O : RJN.KKS003/68

Project Name : Khao Khan Song

Project Location :

Page 1 of 2

Sample Number 2596174-1 to 7
Parameter Wind Speed / Wind Direction
Location องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Sampling Date Oct 18 - Oct 25, 2025
Sampling by Nontachai Uppathamp

Time	Oct 18 - Oct 19, 2025			Oct 19 - Oct 20, 2025			Oct 20 - Oct 21, 2025			Oct 21 - Oct 22, 2025			Oct 22 - Oct 23, 2025			Oct 23 - Oct 24, 2025			Oct 24 - Oct 25, 2025		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	3.0	119.0	ESE	1.7	101.0	E	1.3	108.0	ESE	4.6	81.0	E	1.7	102.0	ESE	2.0	34.0	NE	3.1	91.0	E
11:00 AM - 12:00 PM	0.6	348.0	NNW	0.9	80.0	E	2.6	53.0	NE	1.9	68.0	ENE	2.0	121.0	ESE	1.3	135.0	SE	0.7	163.0	SSE
12:00 PM - 01:00 PM	0.1	-	-	1.5	0.0	N	1.4	111.0	ESE	1.9	0.0	N	3.3	85.0	E	5.9	119.0	ESE	2.1	55.0	NE
01:00 PM - 02:00 PM	0.5	194.0	SSW	0.6	116.0	ESE	3.1	100.0	E	1.9	45.0	NE	1.5	97.0	E	1.5	23.0	NNE	1.9	15.0	NNE
02:00 PM - 03:00 PM	0.4	297.0	WNW	2.1	100.0	E	0.4	62.0	ENE	0.3	357.0	N	4.0	119.0	ESE	2.0	100.0	E	2.9	93.0	E
03:00 PM - 04:00 PM	2.3	328.0	NNW	0.7	100.0	E	1.0	232.0	SW	3.0	118.0	ESE	4.7	88.0	E	3.0	85.0	E	1.7	82.0	E
04:00 PM - 05:00 PM	0.3	309.0	NW	1.7	94.0	E	0.4	222.0	SW	2.2	88.0	E	1.8	80.0	E	2.0	93.0	E	2.0	92.0	E
05:00 PM - 06:00 PM	0.0	-	-	0.4	31.0	NNE	0.0	-	-	0.0	-	-	1.2	118.0	ESE	0.7	123.0	ESE	0.8	90.0	E
06:00 PM - 07:00 PM	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	1.7	85.0	E	1.1	108.0	ESE	1.4	99.0	E
07:00 PM - 08:00 PM	0.0	-	-	0.6	22.0	NNE	0.5	5.0	N	0.4	19.0	NNE	1.9	108.0	ESE	0.2	-	-	0.7	115.0	ESE
08:00 PM - 09:00 PM	0.4	5.0	N	0.0	-	-	2.0	6.0	N	0.0	-	-	1.6	131.0	SE	1.5	51.0	NE	2.4	106.0	ESE
09:00 PM - 10:00 PM	0.0	-	-	0.4	76.0	ENE	0.2	-	-	0.3	70.0	ENE	1.1	22.0	NNE	2.3	83.0	E	2.4	66.0	ENE
10:00 PM - 11:00 PM	0.3	355.0	N	0.5	121.0	ESE	0.0	-	-	1.9	24.0	NNE	2.4	88.0	E	2.5	98.0	E	1.6	89.0	E
11:00 PM - 12:00 AM	0.0	-	-	0.4	12.0	NNE	0.0	-	-	0.8	83.0	E	2.8	103.0	ESE	3.0	89.0	E	2.0	57.0	ENE
12:00 AM - 01:00 AM	0.7	86.0	E	0.4	42.0	NE	0.6	71.0	ENE	0.0	-	-	1.6	121.0	ESE	2.2	52.0	NE	2.8	68.0	ENE
01:00 AM - 02:00 AM	0.3	22.0	NNE	0.0	-	-	0.0	-	-	0.5	114.0	ESE	0.2	-	-	1.5	119.0	ESE	2.6	81.0	E
02:00 AM - 03:00 AM	0.0	-	-	0.1	-	-	0.0	-	-	1.5	123.0	ESE	1.2	101.0	E	2.2	144.0	SE	3.3	99.0	E
03:00 AM - 04:00 AM	0.0	-	-	0.3	119.0	ESE	0.0	-	-	1.0	104.0	ESE	1.3	112.0	ESE	2.6	69.0	ENE	2.6	79.0	E
04:00 AM - 05:00 AM	0.8	89.0	E	0.8	9.0	N	0.0	-	-	1.3	123.0	ESE	2.2	98.0	E	0.7	122.0	ESE	2.0	91.0	E
05:00 AM - 06:00 AM	0.5	38.0	NE	1.1	105.0	ESE	0.5	22.0	NNE	2.5	128.0	SE	0.7	59.0	ENE	3.0	105.0	ESE	3.4	60.0	ENE
06:00 AM - 07:00 AM	1.3	124.0	SE	1.5	83.0	E	0.0	-	-	3.2	53.0	NE	3.5	103.0	ESE	2.4	108.0	ESE	3.3	97.0	E
07:00 AM - 08:00 AM	2.4	31.0	NNE	2.2	72.0	ENE	1.2	92.0	E	3.7	119.0	ESE	2.1	114.0	ESE	2.2	53.0	NE	1.3	101.0	E
08:00 AM - 09:00 AM	1.4	83.0	E	1.0	114.0	ESE	2.1	113.0	ESE	2.3	120.0	ESE	3.4	108.0	ESE	2.6	81.0	E	1.8	108.0	ESE
09:00 AM - 10:00 AM	1.9	73.0	ENE	2.0	45.0	NE	2.5	116.0	ESE	2.8	155.0	SSE	4.1	122.0	ESE	1.4	62.0	ENE	2.9	95.0	E

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 21110

P/O : RJN.KKS003/68
Project Name : Khao Khan Song
Project Location :

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

Page 2 of 2

Wind Rose



Date : Oct 18-19, 2025



Date : Oct 19-20, 2025



Date : Oct 20-21, 2025



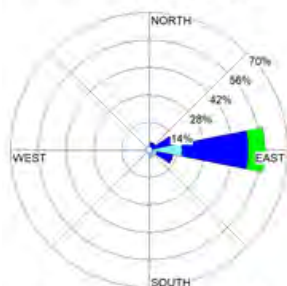
Date : Oct 21-22, 2025



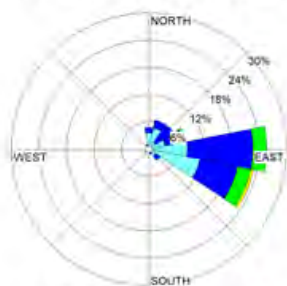
Date : Oct 22-23, 2025



Date : Oct 23-24, 2025



Date : Oct 24-25, 2025



Date : Oct 18-25, 2025

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.60
3.3-5.5	6.55
1.7-3.3	36.91
0.3-1.7	39.29
Calms	16.67

Location : องค์การบริหารส่วนตำบลเขาคันทรง (A1)

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 21110

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

P/O : RJN.KKS003/68
Project Name : Khao Khan Song
Project Location :

Page 1 of 2

Sample Number : 2596174-8 to 14
Parameter : Wind Speed / Wind Direction
Location : หมู่ที่ 9 บ้านห้วยตาเก๊า (A2)
Sampling Date : Oct 18 - Oct 25, 2025
Sampling by : Nontachai Uppathamp

Time	Oct 18 - Oct 19, 2025			Oct 19 - Oct 20, 2025			Oct 20 - Oct 21, 2025			Oct 21 - Oct 22, 2025			Oct 22 - Oct 23, 2025			Oct 23 - Oct 24, 2025			Oct 24 - Oct 25, 2025		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
09:00 AM - 10:00 AM	1.0	42.0	NE	0.5	65.0	ENE	3.9	38.0	NE	0.0	-	-	1.2	32.0	NNE	0.7	29.0	NNE	0.0	-	-
10:00 AM - 11:00 AM	0.8	354.0	N	2.0	76.0	ENE	2.4	42.0	NE	0.4	36.0	NE	2.0	38.0	NE	1.0	324.0	NW	2.8	43.0	NE
11:00 AM - 12:00 PM	0.5	60.0	ENE	2.3	56.0	NE	1.2	13.0	NNE	0.5	39.0	NE	1.3	56.0	NE	3.9	35.0	NE	0.8	244.0	WSW
12:00 PM - 01:00 PM	0.6	35.0	NE	0.0	-	-	0.1	-	-	0.6	26.0	NNE	0.5	316.0	NW	0.9	1.0	N	0.6	15.0	NNE
01:00 PM - 02:00 PM	0.8	5.0	N	0.0	-	-	1.2	63.0	ENE	1.3	23.0	NNE	1.4	26.0	NNE	0.8	31.0	NNE	1.6	31.0	NNE
02:00 PM - 03:00 PM	0.4	30.0	NNE	0.0	-	-	1.4	35.0	NE	1.0	59.0	ENE	0.8	197.0	SSW	0.3	5.0	N	0.0	-	-
03:00 PM - 04:00 PM	0.0	-	-	0.4	31.0	NNE	0.0	-	-	0.2	-	-	0.8	42.0	NE	1.1	108.0	ESE	0.7	92.0	E
04:00 PM - 05:00 PM	0.0	-	-	0.0	-	-	0.4	130.0	SE	1.9	47.0	NE	3.5	52.0	NE	1.7	13.0	NNE	0.6	58.0	ENE
05:00 PM - 06:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	67.0	ENE	0.2	-	-	0.6	25.0	NNE
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	2.0	40.0	NE	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.9	50.0	NE	0.3	0.0	N
08:00 PM - 09:00 PM	0.5	6.0	N	0.0	-	-	0.0	-	-	0.0	-	-	0.5	31.0	NNE	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.3	14.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	2.4	53.0	NE	0.3	28.0	NNE	0.4	359.0	N
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.1	28.0	NNE	0.0	-	-	0.4	29.0	NNE
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	307.0	NW	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	41.0	NE	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-	0.5	15.0	NNE
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.0	2.0	N	0.5	0.0	N
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.3	37.0	NE	1.2	41.0	NE	1.4	9.0	N	0.8	338.0	NNW
04:00 AM - 05:00 AM	0.5	0.0	N	0.0	-	-	0.0	-	-	0.4	0.0	N	0.4	31.0	NNE	1.1	52.0	NE	0.0	-	-
05:00 AM - 06:00 AM	0.2	-	-	0.6	331.0	NNW	0.0	-	-	0.1	-	-	0.0	-	-	0.8	310.0	NW	1.4	64.0	ENE
06:00 AM - 07:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	1.7	24.0	NNE	0.2	-	-	1.8	68.0	ENE
07:00 AM - 08:00 AM	1.2	15.0	NNE	0.4	21.0	NNE	0.0	-	-	0.7	9.0	N	3.3	359.0	N	1.5	22.0	NNE	0.3	9.0	N
08:00 AM - 09:00 AM	1.0	43.0	NE	1.0	0.0	N	0.0	-	-	1.7	24.0	NNE	2.7	56.0	NE	0.6	24.0	NNE	0.4	15.0	NNE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
, Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS003/68
Project Name : Khao Khan Song
Project Location :

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

Page 2 of 2

Wind Rose



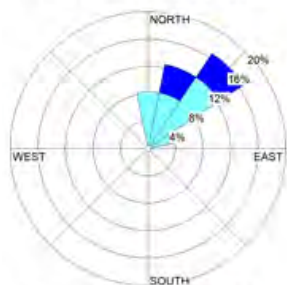
Date : Oct 18-19, 2025



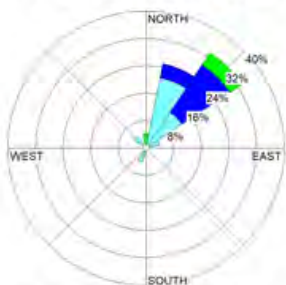
Date : Oct 19-20, 2025



Date : Oct 20-21, 2025



Date : Oct 21-22, 2025



Date : Oct 22-23, 2025



Date : Oct 23-24, 2025



Date : Oct 24-25, 2025



Date : Oct 18-25, 2025

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	2.38
1.7-3.3	7.74
0.3-1.7	41.67
Calms	48.21

Location : หมู่ที่ 9 บ้านห้วยตาเกล้า (A2)

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
 , Khao Khan Song, Siracha, Chonburi 21110

Lot ID: 2596174
 Date Received : Oct 27, 2025
 Date Reported : Nov 03, 2025
 Report Number : 3428659-1

P/O : RJN.KKS003/68
 Project Name : Khao Khan Song
 Project Location :

Page 1 of 2

Sample Number : 2596174-15 to 21
 Parameter : Wind Speed / Wind Direction
 Location : โรงเรียนบ้านพันเสด็จใน (A3)
 Sampling Date : Oct 18 - Oct 25, 2025
 Sampling by : Nontachai Uppathamp

Time	Oct 18 - Oct 19, 2025			Oct 19 - Oct 20, 2025			Oct 20 - Oct 21, 2025			Oct 21 - Oct 22, 2025			Oct 22 - Oct 23, 2025			Oct 23 - Oct 24, 2025			Oct 24 - Oct 25, 2025		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	0.3	105.0	ESE	1.0	73.0	ENE	2.6	34.0	NE	1.9	359.0	N	1.5	10.0	N	5.0	71.0	ENE	1.1	63.0	ENE
12:00 PM - 01:00 PM	0.0	-	-	0.6	60.0	ENE	3.2	355.0	N	0.8	85.0	E	1.1	197.0	SSW	2.1	48.0	NE	1.1	321.0	NW
01:00 PM - 02:00 PM	1.1	178.0	S	0.5	69.0	ENE	1.2	6.0	N	1.0	110.0	ESE	1.1	0.0	N	2.5	92.0	E	1.0	88.0	E
02:00 PM - 03:00 PM	0.6	147.0	SSE	0.9	11.0	N	0.0	-	-	0.6	52.0	NE	0.9	103.0	ESE	1.8	124.0	SE	1.8	2.0	N
03:00 PM - 04:00 PM	1.7	240.0	WSW	0.0	-	-	1.3	196.0	SSW	0.3	28.0	NNE	2.5	62.0	ENE	1.0	24.0	NNE	0.4	60.0	ENE
04:00 PM - 05:00 PM	0.4	285.0	WNW	1.7	359.0	N	1.3	166.0	SSE	0.9	123.0	ESE	1.4	63.0	ENE	2.9	29.0	NNE	0.0	-	-
05:00 PM - 06:00 PM	0.2	-	-	0.0	-	-	0.0	-	-	0.6	24.0	NNE	1.0	81.0	E	2.1	52.0	NE	0.4	36.0	NE
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	330.0	NNW
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	42.0	NE	0.0	-	-	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	29.0	NNE	0.0	-	-	0.6	45.0	NE
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	110.0	ESE	0.8	345.0	NNW	0.4	68.0	ENE
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.5	215.0	SW	0.0	-	-	0.0	-	-	1.3	94.0	E	0.6	113.0	ESE
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	60.0	ENE	1.4	84.0	E
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	89.0	E	1.0	33.0	NNE	1.0	17.0	NNE
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	76.0	ENE	0.1	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-	1.1	80.0	E	0.1	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	64.0	ENE	0.3	87.0	E
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.8	56.0	NE	0.0	-	-	1.3	66.0	ENE	0.7	43.0	NE
05:00 AM - 06:00 AM	0.0	-	-	0.7	61.0	ENE	0.0	-	-	0.0	-	-	0.7	0.0	N	2.4	70.0	ENE	1.0	37.0	NE
06:00 AM - 07:00 AM	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.1	352.0	N	1.6	41.0	NE	0.9	74.0	ENE
07:00 AM - 08:00 AM	1.3	18.0	NNE	0.0	-	-	0.0	-	-	0.6	41.0	NE	0.6	116.0	ESE	1.3	0.0	N	0.7	60.0	ENE
08:00 AM - 09:00 AM	4.0	92.0	E	0.4	102.0	ESE	0.1	-	-	0.5	335.0	NNW	1.3	73.0	ENE	0.9	26.0	NNE	1.0	65.0	ENE
09:00 AM - 10:00 AM	0.8	52.0	NE	0.8	36.0	NE	3.4	30.0	NNE	1.5	43.0	NE	1.6	73.0	ENE	1.6	77.0	ENE	0.6	90.0	E
10:00 AM - 11:00 AM	1.4	57.0	ENE	1.2	86.0	E	3.1	4.0	N	1.8	97.0	E	0.9	91.0	E	1.2	90.0	E	1.4	98.0	E

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittranont
 Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS003/68
Project Name : Khao Khan Song
Project Location :

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

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Wind Rose



Date : Oct 18-19, 2025



Date : Oct 19-20, 2025



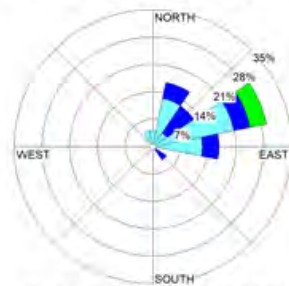
Date : Oct 20-21, 2025



Date : Oct 21-22, 2025



Date : Oct 22-23, 2025



Date : Oct 23-24, 2025



Date : Oct 24-25, 2025



Date : Oct 18-25, 2025

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	1.79
1.7-3.3	8.93
0.3-1.7	46.43
Calms	42.86

Location : โรงเรียนบ้านพันเสด็จใน (A3)

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Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
, Khao Khan Song, Siracha, Chonburi 21110

Lot ID: 2596174
Date Received :Oct 27, 2025
Date Reported :Nov 03, 2025
Report Number :3428659-1

P/O : RJN.KKS003/68

Project Name : Khao Khan Song

Project Location :

Page 1 of 2

Sample Number 2596174-22 to 28
Parameter Wind Speed / Wind Direction
Location หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Sampling Date Oct 18 - Oct 25, 2025
Sampling by Nontachai Uppathamp

Time	Oct 18 - Oct 19, 2025			Oct 19 - Oct 20, 2025			Oct 20 - Oct 21, 2025			Oct 21 - Oct 22, 2025			Oct 22 - Oct 23, 2025			Oct 23 - Oct 24, 2025			Oct 24 - Oct 25, 2025		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
01:00 PM - 02:00 PM	1.9	163.0	SSE	1.6	203.0	SSW	1.3	113.0	ESE	2.4	95.0	E	3.8	102.0	ESE	0.8	147.0	SSE	1.5	77.0	ENE
02:00 PM - 03:00 PM	2.7	161.0	SSE	2.5	185.0	S	0.3	64.0	ENE	0.4	70.0	ENE	0.0	-	-	0.8	119.0	ESE	0.9	122.0	ESE
03:00 PM - 04:00 PM	0.0	-	-	2.2	56.0	NE	1.7	90.0	E	1.8	89.0	E	2.2	81.0	E	0.0	-	-	3.4	108.0	ESE
04:00 PM - 05:00 PM	3.4	155.0	SSE	3.1	62.0	ENE	0.7	152.0	SSE	2.1	74.0	ENE	1.5	141.0	SE	1.5	91.0	E	1.4	110.0	ESE
05:00 PM - 06:00 PM	0.9	272.0	W	4.7	109.0	ESE	3.9	135.0	SE	1.3	171.0	S	1.1	129.0	SE	0.0	-	-	2.3	142.0	SE
06:00 PM - 07:00 PM	0.3	321.0	NW	2.6	81.0	E	4.3	118.0	ESE	1.3	132.0	SE	0.1	-	-	0.0	-	-	3.7	118.0	ESE
07:00 PM - 08:00 PM	0.5	352.0	N	0.0	-	-	1.0	204.0	SSW	0.8	61.0	ENE	0.7	130.0	SE	0.0	-	-	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	4.4	46.0	NE	1.2	221.0	SW	1.0	65.0	ENE	0.6	148.0	SSE	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.3	23.0	NNE	0.0	-	-	0.0	-	-	2.5	65.0	ENE	0.0	-	-	0.5	98.0	E	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	1.7	65.0	ENE	0.0	-	-	0.0	-	-	0.3	128.0	SE
11:00 PM - 12:00 AM	0.6	23.0	NNE	0.2	-	-	0.0	-	-	1.5	65.0	ENE	0.0	-	-	0.2	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.4	23.0	NNE	2.2	248.0	WSW	0.4	271.0	W	2.2	65.0	ENE	0.0	-	-	0.3	141.0	SE	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.4	234.0	SW	0.0	-	-	1.5	64.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.8	43.0	NE	0.0	-	-	0.0	-	-	1.2	65.0	ENE	0.3	153.0	SSE	0.0	-	-	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.9	64.0	ENE	0.6	130.0	SE	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.6	32.0	NNE	0.9	234.0	SW	0.9	275.0	W	1.1	65.0	ENE	1.1	130.0	SE	1.1	144.0	SE	0.0	-	-
05:00 AM - 06:00 AM	1.0	32.0	NNE	0.7	245.0	WSW	0.1	-	-	0.4	64.0	ENE	0.0	-	-	0.7	95.0	E	1.8	119.0	ESE
06:00 AM - 07:00 AM	0.8	15.0	NNE	0.0	-	-	0.0	-	-	1.3	133.0	SE	0.9	38.0	NE	0.0	-	-	4.5	162.0	SSE
07:00 AM - 08:00 AM	1.0	15.0	NNE	0.7	122.0	ESE	0.2	-	-	2.0	147.0	SSE	1.3	62.0	ENE	0.4	142.0	SE	1.4	132.0	SE
08:00 AM - 09:00 AM	0.4	113.0	ESE	0.3	92.0	E	0.0	-	-	1.6	132.0	SE	1.2	49.0	NE	0.9	117.0	ESE	1.9	144.0	SE
09:00 AM - 10:00 AM	1.2	130.0	SE	0.8	14.0	NNE	1.4	350.0	N	0.0	-	-	0.3	85.0	E	1.0	94.0	E	1.3	150.0	SSE
10:00 AM - 11:00 AM	2.2	128.0	SE	2.0	117.0	ESE	2.1	91.0	E	0.0	-	-	1.7	101.0	E	1.6	117.0	ESE	1.4	175.0	S
11:00 AM - 12:00 PM	1.6	150.0	SSE	2.5	147.0	SSE	3.7	23.0	NNE	1.2	160.0	SSE	1.3	124.0	SE	0.3	106.0	ESE	1.3	173.0	S
12:00 PM - 01:00 PM	2.7	129.0	SE	1.7	202.0	SSW	1.6	130.0	SE	1.3	74.0	ENE	4.7	134.0	SE	1.4	200.0	SSW	1.5	195.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS003/68
Project Name : Khao Khan Song
Project Location :

Lot ID: 2596174
Date Received : Oct 27, 2025
Date Reported : Nov 03, 2025
Report Number : 3428659-1

Page 2 of 2

Wind Rose



Date : Oct 18-19, 2025



Date : Oct 19-20, 2025



Date : Oct 20-21, 2025



Date : Oct 21-22, 2025



Date : Oct 22-23, 2025



Date : Oct 23-24, 2025



Date : Oct 24-25, 2025



Date : Oct 18-25, 2025

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	6.55
1.7-3.3	15.48
0.3-1.7	47.02
Calms	30.95

Location : หมู่ที่ 10 บ้านเจ้าพระยา (A4)

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Sarayuth Jitranont
Assistant General Manager

ภาคผนวก ค-2

ระดับเสียงทั่วไป



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439450-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-1
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นและลงเครื่องบิน (N1)
Measurement Date	Oct 18 - Oct 19, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.3	90.6	50.8
12:00 PM - 01:00 PM	66.8	101.9	49.9
01:00 PM - 02:00 PM	60.4	84.2	51.8
02:00 PM - 03:00 PM	60.3	84.8	51.9
03:00 PM - 04:00 PM	62.2	90.8	52.5
04:00 PM - 05:00 PM	64.8	93.9	51.3
05:00 PM - 06:00 PM	64.8	89.3	50.0
06:00 PM - 07:00 PM	63.1	88.7	57.9
07:00 PM - 08:00 PM	63.6	90.7	61.0
08:00 PM - 09:00 PM	63.1	85.8	58.2
09:00 PM - 10:00 PM	60.6	85.6	53.2
10:00 PM - 11:00 PM	56.1	77.1	51.5
11:00 PM - 12:00 AM	54.5	81.8	50.7
12:00 AM - 01:00 AM	54.9	82.7	51.6
01:00 AM - 02:00 AM	52.8	74.7	51.3
02:00 AM - 03:00 AM	53.0	85.0	50.9
03:00 AM - 04:00 AM	52.0	73.6	50.6
04:00 AM - 05:00 AM	53.4	77.7	50.1
05:00 AM - 06:00 AM	58.3	83.6	45.0
06:00 AM - 07:00 AM	60.0	87.1	44.9
07:00 AM - 08:00 AM	63.1	95.7	45.2
08:00 AM - 09:00 AM	62.6	90.5	46.5
09:00 AM - 10:00 AM	60.5	91.4	46.7
10:00 AM - 11:00 AM	61.7	86.5	47.0

Leq Average 24 hrs. (dB(A))	61.5
Lmax (dB(A))	101.9
L90 (dB(A))	50.8
Ldn (dB(A))	64.3
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
Section Head

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S:\Reports_Air Noise\pr (11-334M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439451-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-2
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นและลงเครื่องบิน (N1)
Measurement Date	Oct 19 - Oct 20, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.7	85.6	44.6
12:00 PM - 01:00 PM	59.9	88.0	40.3
01:00 PM - 02:00 PM	57.9	81.9	44.8
02:00 PM - 03:00 PM	50.3	87.1	44.5
03:00 PM - 04:00 PM	52.1	91.0	45.5
04:00 PM - 05:00 PM	59.8	81.7	43.7
05:00 PM - 06:00 PM	50.9	85.9	44.2
06:00 PM - 07:00 PM	61.5	85.1	52.1
07:00 PM - 08:00 PM	63.2	87.3	59.6
08:00 PM - 09:00 PM	63.0	92.3	53.1
09:00 PM - 10:00 PM	55.4	83.1	49.5
10:00 PM - 11:00 PM	52.0	76.2	46.5
11:00 PM - 12:00 AM	56.5	87.0	45.6
12:00 AM - 01:00 AM	57.1	87.7	46.0
01:00 AM - 02:00 AM	49.6	75.7	45.5
02:00 AM - 03:00 AM	45.8	58.8	44.6
03:00 AM - 04:00 AM	49.9	78.5	44.4
04:00 AM - 05:00 AM	52.9	82.1	43.4
05:00 AM - 06:00 AM	57.6	82.8	44.7
06:00 AM - 07:00 AM	63.1	83.9	46.6
07:00 AM - 08:00 AM	57.8	96.5	50.1
08:00 AM - 09:00 AM	64.9	89.7	52.0
09:00 AM - 10:00 AM	61.9	83.4	52.1
10:00 AM - 11:00 AM	61.9	83.0	51.1

Leq Average 24 hrs. (dB(A))	60.9
Lmax (dB(A))	96.5
L90 (dB(A))	45.5
Ldn (dB(A))	64.4
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (11-334M)



TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439452-1

Analysis / Test Report



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number 2593447-3

Parameter Noise (Leq 24 hrs.)

Location บริเวณที่พักอาศัยใกล้ถนนในโครงการ (N1)

Measurement Date Oct 20 - Oct 21, 2025

Measurement by Watcharin Pongsamsuan

Sound Level meter Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.8	87.6	48.3
12:00 PM - 01:00 PM	67.3	98.4	47.6
01:00 PM - 02:00 PM	61.8	88.0	49.7
02:00 PM - 03:00 PM	61.2	86.0	50.0
03:00 PM - 04:00 PM	60.9	84.0	49.6
04:00 PM - 05:00 PM	64.9	95.4	50.8
05:00 PM - 06:00 PM	69.3	97.8	51.9
06:00 PM - 07:00 PM	62.5	82.6	52.6
07:00 PM - 08:00 PM	63.0	87.7	52.1
08:00 PM - 09:00 PM	63.6	84.2	53.5
09:00 PM - 10:00 PM	63.6	86.4	54.6
10:00 PM - 11:00 PM	57.7	83.4	52.1
11:00 PM - 12:00 AM	54.4	78.6	51.8
12:00 AM - 01:00 AM	52.4	72.6	51.4
01:00 AM - 02:00 AM	53.8	82.5	51.0
02:00 AM - 03:00 AM	52.1	74.0	51.1
03:00 AM - 04:00 AM	52.5	77.3	50.6
04:00 AM - 05:00 AM	55.0	83.8	48.6
05:00 AM - 06:00 AM	56.5	81.9	47.2
06:00 AM - 07:00 AM	64.1	89.6	48.5
07:00 AM - 08:00 AM	67.6	91.1	50.6
08:00 AM - 09:00 AM	64.1	89.5	51.0
09:00 AM - 10:00 AM	64.8	95.0	52.2
10:00 AM - 11:00 AM	61.1	82.8	53.0

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปริมาณการจราจรในถนนสายหลัก ช่วง 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปริมาณการจราจรในถนนสายรอง หรือถนนในเขตเมือง และพื้นที่ใกล้เคียงที่กำหนดค่าโดยกรมการจราจร
ตาม พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
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S:\Reports_Air Noise\pr (11-354M)



TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439453-1

Analysis / Test Report



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number 2593447-4

Parameter Noise (Leq 24 hrs.)

Location บริเวณที่พักอาศัยใกล้ถนนในโครงการ (N1)

Measurement Date Oct 21 - Oct 22, 2025

Measurement by Watcharin Pongsamsuan

Sound Level meter Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.1	84.4	50.4
12:00 PM - 01:00 PM	62.5	87.3	53.1
01:00 PM - 02:00 PM	61.3	84.9	52.1
02:00 PM - 03:00 PM	62.9	92.8	51.3
03:00 PM - 04:00 PM	62.3	95.2	50.4
04:00 PM - 05:00 PM	63.5	90.6	50.2
05:00 PM - 06:00 PM	68.0	97.8	49.1
06:00 PM - 07:00 PM	63.3	88.4	51.3
07:00 PM - 08:00 PM	60.7	86.0	51.2
08:00 PM - 09:00 PM	64.5	96.3	53.0
09:00 PM - 10:00 PM	58.0	83.1	51.9
10:00 PM - 11:00 PM	56.5	80.1	51.9
11:00 PM - 12:00 AM	54.2	78.7	51.7
12:00 AM - 01:00 AM	54.7	79.0	50.9
01:00 AM - 02:00 AM	54.9	80.5	51.3
02:00 AM - 03:00 AM	53.5	82.0	50.9
03:00 AM - 04:00 AM	52.0	73.6	50.4
04:00 AM - 05:00 AM	53.2	77.4	50.2
05:00 AM - 06:00 AM	59.0	87.7	50.2
06:00 AM - 07:00 AM	63.0	89.1	51.3
07:00 AM - 08:00 AM	66.5	91.4	52.0
08:00 AM - 09:00 AM	65.1	90.6	53.7
09:00 AM - 10:00 AM	61.5	84.2	52.1
10:00 AM - 11:00 AM	65.2	95.4	52.1

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปริมาณการจราจรในถนนสายหลัก ช่วง 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปริมาณการจราจรในถนนสายรอง หรือถนนในเขตเมือง และพื้นที่ใกล้เคียงที่กำหนดค่าโดยกรมการจราจร
ตาม พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439454-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-5
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นและลงเครื่องบิน (N1)
Measurement Date	Oct 22 - Oct 23, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	64.0	89.8	49.9
12:00 PM - 01:00 PM	65.8	95.9	50.5
01:00 PM - 02:00 PM	61.0	84.2	52.5
02:00 PM - 03:00 PM	60.4	83.5	52.4
03:00 PM - 04:00 PM	60.0	87.9	50.6
04:00 PM - 05:00 PM	62.7	90.8	50.8
05:00 PM - 06:00 PM	68.9	99.9	49.5
06:00 PM - 07:00 PM	63.0	87.7	51.4
07:00 PM - 08:00 PM	61.4	88.2	50.5
08:00 PM - 09:00 PM	62.5	87.2	51.1
09:00 PM - 10:00 PM	59.7	86.5	50.5
10:00 PM - 11:00 PM	55.3	78.0	50.1
11:00 PM - 12:00 AM	54.0	80.5	48.5
12:00 AM - 01:00 AM	52.6	76.0	48.0
01:00 AM - 02:00 AM	53.6	83.5	48.3
02:00 AM - 03:00 AM	50.1	55.6	47.4
03:00 AM - 04:00 AM	49.9	77.8	46.3
04:00 AM - 05:00 AM	52.7	78.7	46.4
05:00 AM - 06:00 AM	57.5	82.9	45.8
06:00 AM - 07:00 AM	61.6	82.5	47.1
07:00 AM - 08:00 AM	64.7	89.6	48.1
08:00 AM - 09:00 AM	63.6	92.0	52.5
09:00 AM - 10:00 AM	61.2	83.8	53.3
10:00 AM - 11:00 AM	61.7	87.7	53.6

Leq Average 24 hrs. (dB(A))	61.9
Lmax (dB(A))	99.9
L90 (dB(A))	50.1
Ldn (dB(A))	64.5
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
3. มาตรฐาน ม.ร.ท. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

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S:\Reports_Air Noise rpt (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439455-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-6
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นและลงเครื่องบิน (N1)
Measurement Date	Oct 23 - Oct 24, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.5	81.5	50.3
12:00 PM - 01:00 PM	60.8	83.6	50.1
01:00 PM - 02:00 PM	60.5	83.3	52.8
02:00 PM - 03:00 PM	60.7	84.3	51.6
03:00 PM - 04:00 PM	59.8	84.2	51.4
04:00 PM - 05:00 PM	62.5	93.3	49.7
05:00 PM - 06:00 PM	63.7	90.5	49.4
06:00 PM - 07:00 PM	61.0	96.3	50.3
07:00 PM - 08:00 PM	60.5	86.8	50.0
08:00 PM - 09:00 PM	63.5	94.2	52.0
09:00 PM - 10:00 PM	57.7	83.8	50.9
10:00 PM - 11:00 PM	55.4	85.0	50.8
11:00 PM - 12:00 AM	53.9	80.5	50.4
12:00 AM - 01:00 AM	54.2	78.0	51.6
01:00 AM - 02:00 AM	56.5	81.7	52.0
02:00 AM - 03:00 AM	53.3	67.5	51.8
03:00 AM - 04:00 AM	55.7	79.9	51.6
04:00 AM - 05:00 AM	56.1	81.9	51.2
05:00 AM - 06:00 AM	57.6	83.1	51.2
06:00 AM - 07:00 AM	63.1	84.8	52.3
07:00 AM - 08:00 AM	57.7	95.4	53.8
08:00 AM - 09:00 AM	62.9	83.9	53.7
09:00 AM - 10:00 AM	62.4	83.0	55.0
10:00 AM - 11:00 AM	61.2	82.2	54.0

Leq Average 24 hrs. (dB(A))	61.0
Lmax (dB(A))	96.3
L90 (dB(A))	51.4
Ldn (dB(A))	64.9
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
3. มาตรฐาน ม.ร.ท. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise rpt (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439456-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-7
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นรถโดยสาร (N1)
Measurement Date	Oct 24 - Oct 25, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1173609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.0	88.4	50.1
12:00 PM - 01:00 PM	59.8	83.0	48.8
01:00 PM - 02:00 PM	60.0	80.6	54.9
02:00 PM - 03:00 PM	60.1	87.6	52.6
03:00 PM - 04:00 PM	60.7	82.8	51.2
04:00 PM - 05:00 PM	61.9	95.6	49.6
05:00 PM - 06:00 PM	67.3	97.3	49.0
06:00 PM - 07:00 PM	61.4	87.1	51.3
07:00 PM - 08:00 PM	64.0	97.8	50.7
08:00 PM - 09:00 PM	62.0	84.4	52.1
09:00 PM - 10:00 PM	55.9	77.5	51.7
10:00 PM - 11:00 PM	58.2	88.0	51.2
11:00 PM - 12:00 AM	54.8	82.7	51.2
12:00 AM - 01:00 AM	57.2	88.6	51.1
01:00 AM - 02:00 AM	54.3	82.2	50.6
02:00 AM - 03:00 AM	52.3	81.6	50.1
03:00 AM - 04:00 AM	51.4	77.8	47.2
04:00 AM - 05:00 AM	52.8	77.2	49.3
05:00 AM - 06:00 AM	58.1	81.1	49.5
06:00 AM - 07:00 AM	61.9	84.3	48.3
07:00 AM - 08:00 AM	66.3	93.6	51.7
08:00 AM - 09:00 AM	64.1	95.6	58.1
09:00 AM - 10:00 AM	62.1	83.4	54.2
10:00 AM - 11:00 AM	62.1	85.0	51.3

Leq Average 24 hrs. (dB(A))	61.4
Lmax (dB(A))	97.8
L90 (dB(A))	51.1
Ldn (dB(A))	64.8
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439457-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-8
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้นรถโดยสาร (N2)
Measurement Date	Oct 18 - Oct 19, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.6	79.2	40.9
12:00 PM - 01:00 PM	44.2	68.2	38.3
01:00 PM - 02:00 PM	47.3	67.4	42.8
02:00 PM - 03:00 PM	46.1	69.0	41.0
03:00 PM - 04:00 PM	48.4	75.0	42.7
04:00 PM - 05:00 PM	47.2	66.6	44.5
05:00 PM - 06:00 PM	49.8	61.1	48.7
06:00 PM - 07:00 PM	52.5	70.5	51.6
07:00 PM - 08:00 PM	49.2	67.3	48.3
08:00 PM - 09:00 PM	47.8	69.0	46.9
09:00 PM - 10:00 PM	44.7	56.5	43.7
10:00 PM - 11:00 PM	47.0	69.8	44.2
11:00 PM - 12:00 AM	49.7	78.1	44.2
12:00 AM - 01:00 AM	43.3	52.5	41.6
01:00 AM - 02:00 AM	41.0	51.2	40.0
02:00 AM - 03:00 AM	42.9	56.7	40.5
03:00 AM - 04:00 AM	42.8	56.5	40.4
04:00 AM - 05:00 AM	40.0	56.3	38.7
05:00 AM - 06:00 AM	46.4	69.1	39.5
06:00 AM - 07:00 AM	45.3	69.5	41.0
07:00 AM - 08:00 AM	45.7	65.3	42.0
08:00 AM - 09:00 AM	45.3	68.8	40.4
09:00 AM - 10:00 AM	47.2	68.4	40.2
10:00 AM - 11:00 AM	44.9	75.5	39.1

Leq Average 24 hrs. (dB(A))	47.1
Lmax (dB(A))	79.2
L90 (dB(A))	41.0
Ldn (dB(A))	52.3
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

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S:\Reports_Air Noise\pr (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439459-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-9

Parameter
Noise (Leq 24 hrs.)

Location
บริเวณที่พักผู้โดยสารชั้น (N2)

Measurement Date
Oct 19 - Oct 20, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	42.9	69.2	37.1
12:00 PM - 01:00 PM	42.8	66.9	35.4
01:00 PM - 02:00 PM	43.1	64.0	38.8
02:00 PM - 03:00 PM	66.7	105.9	38.1
03:00 PM - 04:00 PM	49.3	77.4	37.8
04:00 PM - 05:00 PM	41.9	65.0	38.8
05:00 PM - 06:00 PM	47.2	66.6	45.3
06:00 PM - 07:00 PM	56.9	81.0	51.2
07:00 PM - 08:00 PM	47.3	74.0	47.3
08:00 PM - 09:00 PM	45.6	55.4	46.6
09:00 PM - 10:00 PM	47.9	71.0	43.7
10:00 PM - 11:00 PM	47.5	73.5	42.6
11:00 PM - 12:00 AM	43.4	62.6	41.7
12:00 AM - 01:00 AM	42.1	63.3	40.4
01:00 AM - 02:00 AM	42.2	57.2	40.6
02:00 AM - 03:00 AM	41.4	66.8	39.8
03:00 AM - 04:00 AM	41.4	65.6	39.5
04:00 AM - 05:00 AM	42.4	57.0	40.4
05:00 AM - 06:00 AM	43.3	63.6	41.2
06:00 AM - 07:00 AM	47.4	69.5	43.2
07:00 AM - 08:00 AM	47.8	69.0	43.9
08:00 AM - 09:00 AM	47.0	68.4	44.2
09:00 AM - 10:00 AM	46.5	65.0	44.0
10:00 AM - 11:00 AM	45.4	65.9	43.0

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

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Supot Salameh
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S:\Reports_Air Noise\pr (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439459-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-10

Parameter
Noise (Leq 24 hrs.)

Location
บริเวณที่พักผู้โดยสารชั้น (N2)

Measurement Date
Oct 20 - Oct 21, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	45.4	66.5	41.9
12:00 PM - 01:00 PM	44.9	68.3	40.0
01:00 PM - 02:00 PM	44.8	68.6	41.5
02:00 PM - 03:00 PM	47.9	75.1	42.4
03:00 PM - 04:00 PM	44.6	70.8	41.0
04:00 PM - 05:00 PM	45.9	70.8	42.7
05:00 PM - 06:00 PM	47.7	60.1	46.4
06:00 PM - 07:00 PM	53.4	82.8	49.3
07:00 PM - 08:00 PM	51.8	77.2	47.0
08:00 PM - 09:00 PM	52.7	72.7	48.1
09:00 PM - 10:00 PM	59.1	80.0	54.8
10:00 PM - 11:00 PM	49.9	72.7	42.3
11:00 PM - 12:00 AM	43.6	53.2	40.4
12:00 AM - 01:00 AM	42.1	49.9	40.2
01:00 AM - 02:00 AM	42.1	63.2	40.2
02:00 AM - 03:00 AM	41.5	50.6	40.5
03:00 AM - 04:00 AM	43.3	54.8	41.9
04:00 AM - 05:00 AM	43.6	61.9	42.2
05:00 AM - 06:00 AM	44.8	66.5	42.4
06:00 AM - 07:00 AM	47.8	71.7	45.1
07:00 AM - 08:00 AM	48.8	78.9	44.1
08:00 AM - 09:00 AM	49.6	72.6	43.3
09:00 AM - 10:00 AM	45.7	63.2	43.2
10:00 AM - 11:00 AM	46.4	65.3	43.7

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
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S:\Reports_Air Noise\pr (11-344M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439460-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-11
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักผู้โดยสารชั้น (N2)
Measurement Date Oct 21 - Oct 22, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	46.3	64.6	43.5
12:00 PM - 01:00 PM	43.5	65.6	40.0
01:00 PM - 02:00 PM	45.1	67.8	42.0
02:00 PM - 03:00 PM	44.7	64.8	42.5
03:00 PM - 04:00 PM	45.0	64.9	42.3
04:00 PM - 05:00 PM	46.1	71.3	43.1
05:00 PM - 06:00 PM	49.6	79.8	47.1
06:00 PM - 07:00 PM	55.1	82.3	54.1
07:00 PM - 08:00 PM	51.8	61.7	51.2
08:00 PM - 09:00 PM	48.4	62.4	46.4
09:00 PM - 10:00 PM	45.8	62.4	44.6
10:00 PM - 11:00 PM	45.3	69.0	43.9
11:00 PM - 12:00 AM	43.2	57.2	41.9
12:00 AM - 01:00 AM	42.5	52.1	41.2
01:00 AM - 02:00 AM	41.7	55.0	40.7
02:00 AM - 03:00 AM	42.2	54.5	41.1
03:00 AM - 04:00 AM	41.8	48.4	40.3
04:00 AM - 05:00 AM	41.5	67.2	40.0
05:00 AM - 06:00 AM	45.9	69.2	41.5
06:00 AM - 07:00 AM	49.9	76.3	43.3
07:00 AM - 08:00 AM	48.1	69.2	44.3
08:00 AM - 09:00 AM	48.8	73.6	45.8
09:00 AM - 10:00 AM	49.5	69.7	45.9
10:00 AM - 11:00 AM	47.8	68.4	45.2

Leq Average 24 hrs. (dB(A)) 47.8
Lmax (dB(A)) 82.3
L90 (dB(A)) 43.1
Ldn (dB(A)) 52.1
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนของเสียงในเวลากลางคืน 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางคืนไว้ที่ 45 dB(A)
2. ปรมาณการรบกวนของเสียงในเวลากลางวันและกลางคืน 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางวันไว้ที่ 55 dB(A) และในเวลากลางคืนไว้ที่ 45 dB(A)

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

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

Supot Salamteah
Section Head

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S:\Reports_Air Noise\pr (11-354M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439461-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-12
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักผู้โดยสารชั้น (N2)
Measurement Date Oct 22 - Oct 23, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.2	67.7	44.7
12:00 PM - 01:00 PM	47.5	65.4	43.5
01:00 PM - 02:00 PM	46.8	67.9	43.6
02:00 PM - 03:00 PM	47.8	62.6	44.2
03:00 PM - 04:00 PM	47.0	73.2	42.9
04:00 PM - 05:00 PM	47.0	68.0	42.5
05:00 PM - 06:00 PM	43.9	67.7	41.6
06:00 PM - 07:00 PM	51.1	83.7	45.9
07:00 PM - 08:00 PM	48.6	72.0	45.5
08:00 PM - 09:00 PM	45.4	68.9	43.9
09:00 PM - 10:00 PM	50.2	79.4	42.3
10:00 PM - 11:00 PM	43.2	72.0	41.3
11:00 PM - 12:00 AM	42.3	58.8	40.8
12:00 AM - 01:00 AM	41.0	50.8	39.9
01:00 AM - 02:00 AM	40.7	53.8	39.5
02:00 AM - 03:00 AM	40.5	49.3	39.2
03:00 AM - 04:00 AM	41.1	65.0	39.6
04:00 AM - 05:00 AM	41.5	59.4	39.9
05:00 AM - 06:00 AM	42.0	61.5	39.7
06:00 AM - 07:00 AM	46.4	68.5	42.4
07:00 AM - 08:00 AM	46.3	62.8	43.3
08:00 AM - 09:00 AM	48.0	72.0	44.8
09:00 AM - 10:00 AM	49.7	70.9	46.0
10:00 AM - 11:00 AM	49.4	66.7	46.1

Leq Average 24 hrs. (dB(A)) 46.8
Lmax (dB(A)) 83.7
L90 (dB(A)) 42.5
Ldn (dB(A)) 50.4
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนของเสียงในเวลากลางคืน 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางคืนไว้ที่ 45 dB(A)
2. ปรมาณการรบกวนของเสียงในเวลากลางวันและกลางคืน 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางวันไว้ที่ 55 dB(A) และในเวลากลางคืนไว้ที่ 45 dB(A)

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

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (11-354M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439462-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-13
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้น (N2)
Measurement Date	Oct 23 - Oct 24, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.4	69.2	45.1
12:00 PM - 01:00 PM	47.3	77.6	42.8
01:00 PM - 02:00 PM	48.1	76.8	43.7
02:00 PM - 03:00 PM	48.5	74.5	43.3
03:00 PM - 04:00 PM	48.0	73.1	43.5
04:00 PM - 05:00 PM	48.3	69.9	42.5
05:00 PM - 06:00 PM	47.5	71.6	44.5
06:00 PM - 07:00 PM	49.7	70.8	48.6
07:00 PM - 08:00 PM	47.1	75.0	45.1
08:00 PM - 09:00 PM	45.1	61.4	44.0
09:00 PM - 10:00 PM	43.8	64.8	42.3
10:00 PM - 11:00 PM	43.7	58.0	42.1
11:00 PM - 12:00 AM	44.0	68.7	42.4
12:00 AM - 01:00 AM	43.3	62.6	41.7
01:00 AM - 02:00 AM	44.0	65.7	42.2
02:00 AM - 03:00 AM	44.4	56.7	42.9
03:00 AM - 04:00 AM	44.2	42.4	42.4
04:00 AM - 05:00 AM	45.1	63.3	43.0
05:00 AM - 06:00 AM	46.3	67.9	43.8
06:00 AM - 07:00 AM	49.1	69.4	46.5
07:00 AM - 08:00 AM	50.7	77.1	48.0
08:00 AM - 09:00 AM	49.8	70.3	47.0
09:00 AM - 10:00 AM	49.4	71.9	46.8
10:00 AM - 11:00 AM	49.8	69.4	46.9

Leq Average 24 hrs. (dB(A))	47.5
Lmax (dB(A))	77.6
L90 (dB(A))	43.5
Ldn (dB(A))	52.3
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (1)-364M



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439463-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-14
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณที่พักผู้โดยสารขึ้น (N2)
Measurement Date	Oct 24 - Oct 25, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 1120937

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.5	69.2	45.5
12:00 PM - 01:00 PM	46.9	64.5	43.3
01:00 PM - 02:00 PM	45.6	62.1	42.6
02:00 PM - 03:00 PM	46.8	66.9	42.7
03:00 PM - 04:00 PM	44.8	66.9	42.4
04:00 PM - 05:00 PM	45.9	67.0	42.7
05:00 PM - 06:00 PM	47.6	72.5	45.2
06:00 PM - 07:00 PM	49.9	71.1	48.7
07:00 PM - 08:00 PM	49.4	78.0	45.4
08:00 PM - 09:00 PM	45.0	56.0	44.0
09:00 PM - 10:00 PM	43.5	54.6	42.2
10:00 PM - 11:00 PM	42.4	53.9	41.2
11:00 PM - 12:00 AM	42.3	61.3	40.8
12:00 AM - 01:00 AM	41.1	59.7	39.4
01:00 AM - 02:00 AM	40.5	52.9	39.5
02:00 AM - 03:00 AM	40.8	52.5	39.6
03:00 AM - 04:00 AM	41.7	51.8	40.3
04:00 AM - 05:00 AM	44.7	55.7	43.1
05:00 AM - 06:00 AM	48.1	73.0	44.8
06:00 AM - 07:00 AM	48.9	74.1	43.8
07:00 AM - 08:00 AM	46.8	59.7	44.8
08:00 AM - 09:00 AM	49.7	73.0	44.6
09:00 AM - 10:00 AM	48.9	72.4	46.3
10:00 AM - 11:00 AM	50.3	69.9	47.4

Leq Average 24 hrs. (dB(A))	46.9
Lmax (dB(A))	78.0
L90 (dB(A))	43.1
Ldn (dB(A))	51.6
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

Chonticha Subongkroh
Scientist (3)

Life Sciences

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S:\Reports_Air Noise\pr (1)-364M



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439461-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-15
Parameter	Noise (Leq 24 hrs.)
Location	หน้าประตูหน้าโรงโม่หิน จ.ลพบุรี จ.ลพบุรี (N3)
Measurement Date	Oct 18 - Oct 19, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	54.9	79.1	52.1
11:00 AM - 12:00 PM	53.9	71.0	50.8
12:00 PM - 01:00 PM	50.5	79.4	43.9
01:00 PM - 02:00 PM	55.3	79.9	51.6
02:00 PM - 03:00 PM	55.6	79.2	51.8
03:00 PM - 04:00 PM	54.2	77.9	51.0
04:00 PM - 05:00 PM	55.1	80.1	51.8
05:00 PM - 06:00 PM	54.3	72.6	50.0
06:00 PM - 07:00 PM	54.7	71.3	52.9
07:00 PM - 08:00 PM	56.7	76.8	54.3
08:00 PM - 09:00 PM	56.4	70.0	55.1
09:00 PM - 10:00 PM	52.5	62.0	51.5
10:00 PM - 11:00 PM	51.9	61.1	50.9
11:00 PM - 12:00 AM	51.9	57.7	50.9
12:00 AM - 01:00 AM	50.0	73.1	47.9
01:00 AM - 02:00 AM	51.9	57.9	51.1
02:00 AM - 03:00 AM	51.5	57.5	50.8
03:00 AM - 04:00 AM	51.5	55.1	50.7
04:00 AM - 05:00 AM	52.8	77.3	50.9
05:00 AM - 06:00 AM	53.9	73.7	49.3
06:00 AM - 07:00 AM	52.0	70.3	50.3
07:00 AM - 08:00 AM	53.0	70.0	49.8
08:00 AM - 09:00 AM	55.5	75.1	51.8
09:00 AM - 10:00 AM	53.6	68.3	50.2

Leq Average 24 hrs. (dB(A))	53.9
Lmax (dB(A))	80.1
L90 (dB(A))	50.9
Ldn (dB(A))	59.0
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับมาตรฐาน และระดับเสียงที่ควรปฏิบัติตามกฎหมาย
พ.ร.บ. พ.ศ. 2548

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

Chontichak

Technical Management

Approved by

Supot Salameh
Section Head

Chonticha Subongkroh
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439465-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-16
Parameter	Noise (Leq 24 hrs.)
Location	หน้าประตูหน้าโรงโม่หิน จ.ลพบุรี จ.ลพบุรี (N3)
Measurement Date	Oct 19 - Oct 20, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.3	73.3	49.1
11:00 AM - 12:00 PM	46.9	62.9	44.1
12:00 PM - 01:00 PM	45.2	66.9	41.0
01:00 PM - 02:00 PM	48.8	67.3	45.9
02:00 PM - 03:00 PM	50.1	77.0	46.2
03:00 PM - 04:00 PM	47.9	69.0	44.0
04:00 PM - 05:00 PM	51.8	67.4	49.0
05:00 PM - 06:00 PM	50.0	72.7	44.1
06:00 PM - 07:00 PM	53.2	72.4	48.8
07:00 PM - 08:00 PM	59.1	69.4	58.6
08:00 PM - 09:00 PM	55.7	76.6	53.1
09:00 PM - 10:00 PM	49.6	65.8	47.3
10:00 PM - 11:00 PM	49.2	70.9	46.7
11:00 PM - 12:00 AM	52.3	62.3	47.4
12:00 AM - 01:00 AM	51.2	63.2	46.1
01:00 AM - 02:00 AM	52.4	57.9	48.1
02:00 AM - 03:00 AM	51.5	59.3	48.2
03:00 AM - 04:00 AM	46.6	66.2	45.2
04:00 AM - 05:00 AM	47.7	65.1	45.4
05:00 AM - 06:00 AM	48.9	66.6	45.5
06:00 AM - 07:00 AM	53.7	78.9	46.1
07:00 AM - 08:00 AM	55.7	74.4	50.5
08:00 AM - 09:00 AM	56.2	77.5	53.1
09:00 AM - 10:00 AM	56.1	75.9	53.0

Leq Average 24 hrs. (dB(A))	52.8
Lmax (dB(A))	78.9
L90 (dB(A))	46.7
Ldn (dB(A))	57.8
Standard (dB(A))	115

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับมาตรฐาน และระดับเสียงที่ควรปฏิบัติตามกฎหมาย
พ.ร.บ. พ.ศ. 2548

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

Chontichak

Technical Management

Approved by

Supot Salameh
Section Head

Chonticha Subongkroh
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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439466-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-17
Parameter	Noise (Leq 24 hrs.)
Location	หน้าประตูหน้าโรงโม่หิน ชลประทาน จ.ลพบุรี (N3)
Measurement Date	Oct 20 - Oct 21, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.1	74.7	51.7
11:00 AM - 12:00 PM	54.3	70.8	51.1
12:00 PM - 01:00 PM	52.5	83.3	44.7
01:00 PM - 02:00 PM	54.9	80.3	51.9
02:00 PM - 03:00 PM	56.8	86.5	52.9
03:00 PM - 04:00 PM	57.5	83.3	52.9
04:00 PM - 05:00 PM	57.6	80.4	53.1
05:00 PM - 06:00 PM	57.4	79.8	52.0
06:00 PM - 07:00 PM	57.2	76.0	54.3
07:00 PM - 08:00 PM	58.6	76.5	53.9
08:00 PM - 09:00 PM	56.3	70.3	53.6
09:00 PM - 10:00 PM	60.8	89.7	54.4
10:00 PM - 11:00 PM	54.1	74.2	50.8
11:00 PM - 12:00 AM	54.8	85.2	50.5
12:00 AM - 01:00 AM	50.9	73.0	48.4
01:00 AM - 02:00 AM	52.9	60.6	51.9
02:00 AM - 03:00 AM	53.7	57.1	52.7
03:00 AM - 04:00 AM	51.4	56.5	50.7
04:00 AM - 05:00 AM	50.7	59.1	49.9
05:00 AM - 06:00 AM	49.7	62.6	48.2
06:00 AM - 07:00 AM	54.3	78.6	51.1
07:00 AM - 08:00 AM	57.2	81.5	53.3
08:00 AM - 09:00 AM	56.1	82.4	52.9
09:00 AM - 10:00 AM	57.5	77.9	53.7

Leq Average 24 hrs. (dB(A)) 55.9

Lmax (dB(A)) 89.7

L90 (dB(A)) 51.9

Ldn (dB(A)) 60.2

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป

2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับมาตรฐาน และระดับต่อเติมค่ามาตรฐานการควบคุมการ

ตาม พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
Section Head

Life Sciences

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439467-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-18
Parameter	Noise (Leq 24 hrs.)
Location	หน้าประตูหน้าโรงโม่หิน ชลประทาน จ.ลพบุรี (N3)
Measurement Date	Oct 21 - Oct 22, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	58.4	77.8	54.8
11:00 AM - 12:00 PM	58.4	81.5	54.9
12:00 PM - 01:00 PM	49.8	67.1	46.5
01:00 PM - 02:00 PM	58.3	77.2	53.9
02:00 PM - 03:00 PM	50.9	89.7	55.4
03:00 PM - 04:00 PM	55.1	70.4	52.7
04:00 PM - 05:00 PM	54.5	71.5	52.1
05:00 PM - 06:00 PM	55.9	86.3	50.4
06:00 PM - 07:00 PM	54.9	66.9	53.0
07:00 PM - 08:00 PM	58.7	75.6	54.1
08:00 PM - 09:00 PM	56.1	72.6	54.3
09:00 PM - 10:00 PM	54.1	66.3	52.4
10:00 PM - 11:00 PM	53.6	68.0	52.1
11:00 PM - 12:00 AM	52.5	59.4	51.4
12:00 AM - 01:00 AM	51.6	72.4	46.9
01:00 AM - 02:00 AM	51.9	62.2	51.0
02:00 AM - 03:00 AM	52.1	55.9	51.2
03:00 AM - 04:00 AM	52.3	60.1	51.3
04:00 AM - 05:00 AM	52.0	75.3	50.3
05:00 AM - 06:00 AM	52.7	84.8	48.6
06:00 AM - 07:00 AM	53.0	70.4	50.7
07:00 AM - 08:00 AM	57.4	85.0	53.4
08:00 AM - 09:00 AM	55.9	71.8	53.2
09:00 AM - 10:00 AM	55.0	74.5	52.1

Leq Average 24 hrs. (dB(A)) 55.7

Lmax (dB(A)) 89.7

L90 (dB(A)) 52.1

Ldn (dB(A)) 59.9

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป

2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับมาตรฐาน และระดับต่อเติมค่ามาตรฐานการควบคุมการ

ตาม พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
Section Head

Life Sciences

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439469-1



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number : 2593447-19
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณประตูหน้าโรงเก็บขยะ จังหวัด จันทบุรี (N3)
Measurement Date : Oct 22 - Oct 23, 2025
Measurement by : Watcharin Pongsamsuan
Sound Level meter : Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.4	75.7	52.5
11:00 AM - 12:00 PM	55.0	72.8	52.5
12:00 PM - 01:00 PM	50.7	70.4	47.2
01:00 PM - 02:00 PM	55.3	75.7	53.1
02:00 PM - 03:00 PM	54.9	68.5	53.1
03:00 PM - 04:00 PM	54.5	79.3	51.5
04:00 PM - 05:00 PM	55.1	77.7	52.2
05:00 PM - 06:00 PM	55.0	76.4	50.9
06:00 PM - 07:00 PM	54.8	74.9	52.6
07:00 PM - 08:00 PM	56.7	76.3	53.7
08:00 PM - 09:00 PM	55.2	70.9	53.2
09:00 PM - 10:00 PM	54.1	65.5	52.6
10:00 PM - 11:00 PM	53.5	69.9	51.6
11:00 PM - 12:00 AM	53.0	65.1	51.8
12:00 AM - 01:00 AM	49.0	60.4	47.9
01:00 AM - 02:00 AM	53.1	59.8	52.0
02:00 AM - 03:00 AM	52.6	58.8	51.6
03:00 AM - 04:00 AM	51.9	69.7	50.7
04:00 AM - 05:00 AM	51.8	71.2	50.4
05:00 AM - 06:00 AM	51.6	48.8	50.4
06:00 AM - 07:00 AM	53.2	74.6	51.0
07:00 AM - 08:00 AM	60.1	78.7	55.2
08:00 AM - 09:00 AM	62.3	79.0	57.5
09:00 AM - 10:00 AM	60.1	82.2	55.0

Leq Average 24 hrs. (dB(A)) : 55.7

Lmax (dB(A)) : 82.2

L90 (dB(A)) : 52.0

Ldn (dB(A)) : 59.8

Standard (dB(A)) : 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง มาตรฐานการวัดระดับเสียงในสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงมหาดไทย เรื่อง มาตรฐานการวัดระดับเสียงในสิ่งแวดล้อมโดยทั่วไป (ภาคการจราจร)
โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439469-1



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number : 2593447-20
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณประตูหน้าโรงเก็บขยะ จังหวัด จันทบุรี (N3)
Measurement Date : Oct 23 - Oct 24, 2025
Measurement by : Watcharin Pongsamsuan
Sound Level meter : Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.6	73.1	54.9
11:00 AM - 12:00 PM	59.8	87.2	56.2
12:00 PM - 01:00 PM	58.0	79.1	55.0
01:00 PM - 02:00 PM	56.9	69.8	54.7
02:00 PM - 03:00 PM	56.9	73.2	54.6
03:00 PM - 04:00 PM	56.2	72.3	53.6
04:00 PM - 05:00 PM	57.4	73.3	52.3
05:00 PM - 06:00 PM	61.4	83.7	50.4
06:00 PM - 07:00 PM	56.1	72.8	51.2
07:00 PM - 08:00 PM	55.8	76.0	52.3
08:00 PM - 09:00 PM	54.6	73.8	52.3
09:00 PM - 10:00 PM	50.6	70.5	51.6
10:00 PM - 11:00 PM	51.7	59.0	50.5
11:00 PM - 12:00 AM	51.6	66.5	50.2
12:00 AM - 01:00 AM	47.7	67.3	46.3
01:00 AM - 02:00 AM	52.5	61.9	51.2
02:00 AM - 03:00 AM	52.6	66.2	51.0
03:00 AM - 04:00 AM	51.6	70.7	49.9
04:00 AM - 05:00 AM	51.9	69.4	49.9
05:00 AM - 06:00 AM	51.9	69.4	50.2
06:00 AM - 07:00 AM	54.1	78.7	50.8
07:00 AM - 08:00 AM	60.1	75.5	54.7
08:00 AM - 09:00 AM	59.3	72.8	54.2
09:00 AM - 10:00 AM	60.0	71.6	54.9

Leq Average 24 hrs. (dB(A)) : 57.0

Lmax (dB(A)) : 87.2

L90 (dB(A)) : 51.6

Ldn (dB(A)) : 60.1

Standard (dB(A)) : 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง มาตรฐานการวัดระดับเสียงในสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงมหาดไทย เรื่อง มาตรฐานการวัดระดับเสียงในสิ่งแวดล้อมโดยทั่วไป (ภาคการจราจร)
โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
Section Head

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15562-42/ BMAIL

S:\Reports_Air Noise rpt (11-374M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439470-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-21

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงงาน (หน้าอาคาร) (N3)

Measurement Date
Oct 24 - Oct 25, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.5	75.8	53.5
11:00 AM - 12:00 PM	59.2	76.5	52.1
12:00 PM - 01:00 PM	53.6	84.3	47.8
01:00 PM - 02:00 PM	54.8	74.0	52.6
02:00 PM - 03:00 PM	56.4	67.8	52.3
03:00 PM - 04:00 PM	56.7	69.8	51.9
04:00 PM - 05:00 PM	62.3	75.4	52.3
05:00 PM - 06:00 PM	54.3	73.9	50.6
06:00 PM - 07:00 PM	54.7	72.2	52.8
07:00 PM - 08:00 PM	56.6	77.8	53.9
08:00 PM - 09:00 PM	55.5	69.8	53.2
09:00 PM - 10:00 PM	54.5	66.2	52.5
10:00 PM - 11:00 PM	55.7	72.4	52.2
11:00 PM - 12:00 AM	51.7	70.5	52.4
12:00 AM - 01:00 AM	53.5	68.5	52.0
01:00 AM - 02:00 AM	53.8	71.4	51.8
02:00 AM - 03:00 AM	52.2	65.8	51.0
03:00 AM - 04:00 AM	54.6	75.0	51.1
04:00 AM - 05:00 AM	51.4	66.2	49.8
05:00 AM - 06:00 AM	51.4	74.4	51.2
06:00 AM - 07:00 AM	53.6	81.4	52.8
07:00 AM - 08:00 AM	56.5	76.9	53.9
08:00 AM - 09:00 AM	57.2	76.9	53.9
09:00 AM - 10:00 AM	60.0	71.7	54.9

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh

Section Head

Supot S.

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Life Sciences

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S:\Reports_Air Noise\pr (11-464M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439471-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-22

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงงาน (หน้าอาคาร) (N4)

Measurement Date
Oct 18 - Oct 19, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.0	84.5	52.9
12:00 PM - 01:00 PM	56.2	79.1	52.6
01:00 PM - 02:00 PM	58.2	83.8	53.3
02:00 PM - 03:00 PM	59.3	84.7	52.4
03:00 PM - 04:00 PM	58.2	85.2	52.7
04:00 PM - 05:00 PM	58.8	78.5	53.7
05:00 PM - 06:00 PM	54.4	86.1	55.4
06:00 PM - 07:00 PM	58.3	89.2	54.1
07:00 PM - 08:00 PM	52.1	92.8	54.5
08:00 PM - 09:00 PM	50.6	85.9	54.9
09:00 PM - 10:00 PM	57.3	81.1	54.6
10:00 PM - 11:00 PM	55.6	79.3	54.5
11:00 PM - 12:00 AM	55.8	74.8	54.4
12:00 AM - 01:00 AM	55.7	74.2	54.2
01:00 AM - 02:00 AM	55.7	73.9	54.4
02:00 AM - 03:00 AM	57.0	83.6	54.6
03:00 AM - 04:00 AM	55.1	67.8	54.4
04:00 AM - 05:00 AM	57.3	82.0	54.6
05:00 AM - 06:00 AM	59.1	83.9	54.7
06:00 AM - 07:00 AM	58.2	79.9	54.8
07:00 AM - 08:00 AM	52.0	85.9	54.8
08:00 AM - 09:00 AM	57.4	81.1	53.2
09:00 AM - 10:00 AM	54.9	73.3	52.5
10:00 AM - 11:00 AM	57.4	86.1	52.6

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh

Section Head

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S:\Reports_Air Noise\pr (11-474M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439472-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-23
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N4)
Measurement Date	Oct 19 - Oct 20, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	56.1	71.3	54.9
12:00 PM - 01:00 PM	56.9	81.8	54.7
01:00 PM - 02:00 PM	58.1	79.7	55.0
02:00 PM - 03:00 PM	59.2	80.4	55.7
03:00 PM - 04:00 PM	58.7	84.7	55.3
04:00 PM - 05:00 PM	58.1	80.6	52.6
05:00 PM - 06:00 PM	60.1	84.9	52.8
06:00 PM - 07:00 PM	57.5	76.7	53.9
07:00 PM - 08:00 PM	56.7	76.3	54.4
08:00 PM - 09:00 PM	60.2	86.1	53.1
09:00 PM - 10:00 PM	54.8	80.0	48.3
10:00 PM - 11:00 PM	52.5	79.8	44.6
11:00 PM - 12:00 AM	49.7	76.3	43.5
12:00 AM - 01:00 AM	50.6	76.2	44.7
01:00 AM - 02:00 AM	47.5	64.3	45.1
02:00 AM - 03:00 AM	48.2	67.2	44.8
03:00 AM - 04:00 AM	50.4	83.2	44.9
04:00 AM - 05:00 AM	50.0	78.4	45.1
05:00 AM - 06:00 AM	56.5	83.1	47.4
06:00 AM - 07:00 AM	63.7	88.3	52.7
07:00 AM - 08:00 AM	67.6	86.9	56.8
08:00 AM - 09:00 AM	63.4	90.7	52.3
09:00 AM - 10:00 AM	56.4	84.9	51.7
10:00 AM - 11:00 AM	58.5	83.7	50.9

Leq Average 24 hrs. (dB(A))	59.2
Lmax (dB(A))	90.7
L90 (dB(A))	52.3
Ldn (dB(A))	63.3
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

Supot Salameh
Section Head

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S:\Reports_Air Noise\pr 11-47AM



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439472-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-24
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N4)
Measurement Date	Oct 20 - Oct 21, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.7	88.8	50.2
12:00 PM - 01:00 PM	56.3	82.7	45.9
01:00 PM - 02:00 PM	58.8	83.1	46.6
02:00 PM - 03:00 PM	59.3	83.1	46.7
03:00 PM - 04:00 PM	57.5	80.5	46.2
04:00 PM - 05:00 PM	52.8	86.2	46.9
05:00 PM - 06:00 PM	54.0	85.0	50.4
06:00 PM - 07:00 PM	59.1	83.2	46.8
07:00 PM - 08:00 PM	61.3	88.0	48.8
08:00 PM - 09:00 PM	61.7	83.6	50.1
09:00 PM - 10:00 PM	61.7	84.0	52.1
10:00 PM - 11:00 PM	55.9	80.4	43.9
11:00 PM - 12:00 AM	51.7	81.7	45.0
12:00 AM - 01:00 AM	56.9	81.9	44.7
01:00 AM - 02:00 AM	49.1	74.9	45.0
02:00 AM - 03:00 AM	53.9	82.6	45.9
03:00 AM - 04:00 AM	48.9	63.2	46.8
04:00 AM - 05:00 AM	50.1	61.4	48.1
05:00 AM - 06:00 AM	59.2	82.7	49.0
06:00 AM - 07:00 AM	56.0	94.3	54.2
07:00 AM - 08:00 AM	58.9	90.5	58.0
08:00 AM - 09:00 AM	64.4	92.8	51.9
09:00 AM - 10:00 AM	50.4	85.6	49.6
10:00 AM - 11:00 AM	58.4	83.8	49.0

Leq Average 24 hrs. (dB(A))	61.3
Lmax (dB(A))	94.3
L90 (dB(A))	48.1
Ldn (dB(A))	65.7
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

Supot Salameh
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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439474-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-25
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N4)
Measurement Date	Oct 21 - Oct 22, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.1	82.8	49.3
12:00 PM - 01:00 PM	56.9	85.9	47.6
01:00 PM - 02:00 PM	57.5	82.7	46.9
02:00 PM - 03:00 PM	57.2	80.6	46.9
03:00 PM - 04:00 PM	57.5	83.7	47.7
04:00 PM - 05:00 PM	61.6	89.2	49.1
05:00 PM - 06:00 PM	61.4	84.2	52.1
06:00 PM - 07:00 PM	61.1	82.8	49.8
07:00 PM - 08:00 PM	62.5	85.0	50.9
08:00 PM - 09:00 PM	62.0	89.7	50.3
09:00 PM - 10:00 PM	59.9	86.1	48.0
10:00 PM - 11:00 PM	55.6	81.9	46.9
11:00 PM - 12:00 AM	52.2	78.4	45.5
12:00 AM - 01:00 AM	51.0	76.0	45.0
01:00 AM - 02:00 AM	49.5	75.0	44.8
02:00 AM - 03:00 AM	48.5	69.4	44.4
03:00 AM - 04:00 AM	57.1	83.1	44.3
04:00 AM - 05:00 AM	54.7	81.4	44.3
05:00 AM - 06:00 AM	53.8	77.9	47.0
06:00 AM - 07:00 AM	65.0	91.0	52.3
07:00 AM - 08:00 AM	65.9	87.6	56.2
08:00 AM - 09:00 AM	63.7	90.9	51.4
09:00 AM - 10:00 AM	60.9	83.8	50.5
10:00 AM - 11:00 AM	61.2	92.6	50.9

Leq Average 24 hrs. (dB(A))	60.2
Lmax (dB(A))	92.6
L90 (dB(A))	47.7
Ldn (dB(A))	64.7
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ของกรมอุตุนิยมวิทยา
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ของกรมอุตุนิยมวิทยา และสำนักงานมาตรฐานอุตสาหกรรม (สมอ.)

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

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

Chonticha Subongkroh
Scientist (3)

Life Sciences

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439475-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-26
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N4)
Measurement Date	Oct 22 - Oct 23, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	64.2	93.0	49.9
12:00 PM - 01:00 PM	59.7	82.9	48.7
01:00 PM - 02:00 PM	52.7	85.9	49.1
02:00 PM - 03:00 PM	59.6	84.4	48.2
03:00 PM - 04:00 PM	58.4	93.7	48.0
04:00 PM - 05:00 PM	50.4	85.1	48.9
05:00 PM - 06:00 PM	51.8	84.5	51.3
06:00 PM - 07:00 PM	50.1	87.7	49.7
07:00 PM - 08:00 PM	60.0	81.5	50.1
08:00 PM - 09:00 PM	50.7	85.2	49.8
09:00 PM - 10:00 PM	59.3	86.8	46.1
10:00 PM - 11:00 PM	53.3	78.5	44.8
11:00 PM - 12:00 AM	52.8	85.6	43.4
12:00 AM - 01:00 AM	51.7	81.7	41.8
01:00 AM - 02:00 AM	48.2	76.2	41.4
02:00 AM - 03:00 AM	46.0	69.8	41.8
03:00 AM - 04:00 AM	45.8	57.9	42.9
04:00 AM - 05:00 AM	54.4	89.2	42.7
05:00 AM - 06:00 AM	55.5	81.5	45.6
06:00 AM - 07:00 AM	51.7	86.1	50.9
07:00 AM - 08:00 AM	55.0	84.6	53.9
08:00 AM - 09:00 AM	51.2	86.6	49.8
09:00 AM - 10:00 AM	51.6	85.5	49.5
10:00 AM - 11:00 AM	59.8	83.3	49.6

Leq Average 24 hrs. (dB(A))	59.9
Lmax (dB(A))	93.7
L90 (dB(A))	48.7
Ldn (dB(A))	63.1
Standard (dB(A))	70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ของกรมอุตุนิยมวิทยา
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ของกรมอุตุนิยมวิทยา และสำนักงานมาตรฐานอุตสาหกรรม (สมอ.)

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

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

Chonticha Subongkroh
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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439476-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-27

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงกลั่นน้ำมันดิบ (N4)

Measurement Date
Oct 23 - Oct 24, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.6	85.7	48.6
12:00 PM - 01:00 PM	56.6	80.9	47.2
01:00 PM - 02:00 PM	56.9	84.9	47.0
02:00 PM - 03:00 PM	57.0	83.2	46.7
03:00 PM - 04:00 PM	57.0	80.3	46.9
04:00 PM - 05:00 PM	60.7	87.8	48.2
05:00 PM - 06:00 PM	59.8	80.4	51.5
06:00 PM - 07:00 PM	57.8	80.2	50.1
07:00 PM - 08:00 PM	62.8	92.4	49.8
08:00 PM - 09:00 PM	57.9	79.5	49.7
09:00 PM - 10:00 PM	52.2	73.2	46.0
10:00 PM - 11:00 PM	50.5	73.2	45.1
11:00 PM - 12:00 AM	54.1	82.3	43.1
12:00 AM - 01:00 AM	47.7	69.0	42.4
01:00 AM - 02:00 AM	46.2	76.5	41.6
02:00 AM - 03:00 AM	50.5	77.4	42.7
03:00 AM - 04:00 AM	46.8	65.0	43.7
04:00 AM - 05:00 AM	49.2	70.0	45.3
05:00 AM - 06:00 AM	54.7	83.3	47.2
06:00 AM - 07:00 AM	64.3	93.7	52.4
07:00 AM - 08:00 AM	66.6	86.9	56.2
08:00 AM - 09:00 AM	62.4	92.5	51.2
09:00 AM - 10:00 AM	57.7	81.0	50.3
10:00 AM - 11:00 AM	61.1	89.7	50.3

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

หมายเหตุ พ.ศ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot S.

Supot Salameh
Section Head

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S:\Reports_Air Noise\pr (11-48AM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439477-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-28

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงกลั่นน้ำมันดิบ (N4)

Measurement Date
Oct 24 - Oct 25, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.3	84.0	50.0
12:00 PM - 01:00 PM	58.8	90.3	48.3
01:00 PM - 02:00 PM	58.2	86.5	46.9
02:00 PM - 03:00 PM	58.5	85.8	47.1
03:00 PM - 04:00 PM	56.8	78.2	47.0
04:00 PM - 05:00 PM	50.4	83.3	48.8
05:00 PM - 06:00 PM	51.6	80.4	51.8
06:00 PM - 07:00 PM	59.1	81.9	50.6
07:00 PM - 08:00 PM	53.7	90.0	51.5
08:00 PM - 09:00 PM	59.3	86.5	49.9
09:00 PM - 10:00 PM	56.0	80.2	47.2
10:00 PM - 11:00 PM	50.2	74.2	45.4
11:00 PM - 12:00 AM	51.7	77.7	44.2
12:00 AM - 01:00 AM	46.3	58.1	42.9
01:00 AM - 02:00 AM	49.0	76.8	41.7
02:00 AM - 03:00 AM	53.4	82.0	42.3
03:00 AM - 04:00 AM	45.4	61.0	42.2
04:00 AM - 05:00 AM	47.4	68.1	44.0
05:00 AM - 06:00 AM	56.9	82.8	47.5
06:00 AM - 07:00 AM	64.2	93.9	51.9
07:00 AM - 08:00 AM	66.4	87.3	54.9
08:00 AM - 09:00 AM	63.8	91.8	50.7
09:00 AM - 10:00 AM	58.8	81.3	50.3
10:00 AM - 11:00 AM	61.4	90.0	50.6

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

หมายเหตุ พ.ศ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

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S:\Reports_Air Noise\pr (11-48AM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439478-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-29

Parameter
Noise (Leq 24 hrs.)
Location
หน้าอาคารโรงกลั่นน้ำตาล (N5)
Measurement Date
Oct 18 - Oct 19, 2025
Measurement by
Watcharin Pongsamsuan
Sound Level meter
Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	65.1	84.2	53.3
11:00 AM - 12:00 PM	65.3	91.0	50.2
12:00 PM - 01:00 PM	65.6	92.0	49.6
01:00 PM - 02:00 PM	62.9	82.1	51.1
02:00 PM - 03:00 PM	64.7	89.1	50.2
03:00 PM - 04:00 PM	63.8	81.8	50.9
04:00 PM - 05:00 PM	64.8	85.5	53.7
05:00 PM - 06:00 PM	77.0	91.0	62.7
06:00 PM - 07:00 PM	64.6	86.8	52.7
07:00 PM - 08:00 PM	68.4	91.7	57.9
08:00 PM - 09:00 PM	67.3	91.6	56.6
09:00 PM - 10:00 PM	59.6	78.2	49.8
10:00 PM - 11:00 PM	54.5	73.6	46.9
11:00 PM - 12:00 AM	56.0	77.9	46.3
12:00 AM - 01:00 AM	57.0	80.3	45.7
01:00 AM - 02:00 AM	54.5	76.0	48.4
02:00 AM - 03:00 AM	58.8	80.6	46.7
03:00 AM - 04:00 AM	49.5	72.8	46.2
04:00 AM - 05:00 AM	54.5	76.0	46.0
05:00 AM - 06:00 AM	59.1	81.2	49.7
06:00 AM - 07:00 AM	60.1	81.9	51.7
07:00 AM - 08:00 AM	67.6	92.4	55.0
08:00 AM - 09:00 AM	65.7	84.0	55.1
09:00 AM - 10:00 AM	60.5	83.1	50.8

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดมาตรฐานสิ่งแวดล้อมและระดับเสียงโดยทั่วไป
โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

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Supot Salameh
Section Head

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S:\Reports_Air Noise\pr (11-48AM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439479-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-30

Parameter
Noise (Leq 24 hrs.)
Location
หน้าอาคารโรงกลั่นน้ำตาล (N5)
Measurement Date
Oct 19 - Oct 20, 2025
Measurement by
Watcharin Pongsamsuan
Sound Level meter
Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.0	81.6	49.6
11:00 AM - 12:00 PM	58.7	80.5	46.9
12:00 PM - 01:00 PM	58.7	87.7	46.7
01:00 PM - 02:00 PM	58.7	80.6	46.6
02:00 PM - 03:00 PM	51.0	84.1	49.5
03:00 PM - 04:00 PM	50.1	82.1	49.9
04:00 PM - 05:00 PM	50.9	80.4	50.0
05:00 PM - 06:00 PM	62.2	78.9	53.0
06:00 PM - 07:00 PM	53.1	85.2	52.5
07:00 PM - 08:00 PM	64.3	87.9	52.4
08:00 PM - 09:00 PM	72.5	90.8	55.0
09:00 PM - 10:00 PM	51.8	89.3	50.6
10:00 PM - 11:00 PM	53.2	70.1	47.7
11:00 PM - 12:00 AM	50.9	81.3	44.8
12:00 AM - 01:00 AM	55.8	76.1	44.4
01:00 AM - 02:00 AM	56.8	80.7	45.8
02:00 AM - 03:00 AM	55.6	76.7	47.1
03:00 AM - 04:00 AM	56.7	82.7	48.5
04:00 AM - 05:00 AM	55.3	76.9	47.2
05:00 AM - 06:00 AM	57.5	81.0	49.4
06:00 AM - 07:00 AM	52.8	82.7	54.5
07:00 AM - 08:00 AM	71.5	89.5	52.7
08:00 AM - 09:00 AM	57.1	88.0	57.7
09:00 AM - 10:00 AM	56.1	95.7	54.4

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดมาตรฐานสิ่งแวดล้อมและระดับเสียงโดยทั่วไป
โดย พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise\pr (11-48AM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439489-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-31

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงงานอุตสาหกรรม (N5)

Measurement Date
Oct 20 - Oct 21, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	70.5	103.7	54.7
11:00 AM - 12:00 PM	65.3	84.0	53.6
12:00 PM - 01:00 PM	64.7	87.9	52.4
01:00 PM - 02:00 PM	65.0	82.6	59.4
02:00 PM - 03:00 PM	65.5	87.9	56.1
03:00 PM - 04:00 PM	63.6	81.1	53.3
04:00 PM - 05:00 PM	66.3	84.1	56.3
05:00 PM - 06:00 PM	67.8	88.2	58.8
06:00 PM - 07:00 PM	64.7	81.0	54.3
07:00 PM - 08:00 PM	69.7	90.8	58.8
08:00 PM - 09:00 PM	69.6	96.6	59.4
09:00 PM - 10:00 PM	61.7	81.5	51.9
10:00 PM - 11:00 PM	56.6	73.6	46.0
11:00 PM - 12:00 AM	57.0	85.9	43.9
12:00 AM - 01:00 AM	49.7	67.0	42.7
01:00 AM - 02:00 AM	49.7	72.4	44.7
02:00 AM - 03:00 AM	51.1	74.0	44.2
03:00 AM - 04:00 AM	49.2	73.0	43.3
04:00 AM - 05:00 AM	54.0	76.6	43.0
05:00 AM - 06:00 AM	57.9	78.4	46.3
06:00 AM - 07:00 AM	62.6	82.0	52.4
07:00 AM - 08:00 AM	71.8	90.3	62.5
08:00 AM - 09:00 AM	67.1	83.6	58.3
09:00 AM - 10:00 AM	65.6	86.5	53.6

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโรงงาน และสิ่งแวดล้อมจากโรงงานอุตสาหกรรม
พ.ศ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
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S:\Reports_Air Noise\pr (11-484M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439481-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-32

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงงานอุตสาหกรรม (N5)

Measurement Date
Oct 21 - Oct 22, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	67.1	89.2	55.2
11:00 AM - 12:00 PM	66.6	91.9	54.7
12:00 PM - 01:00 PM	64.0	87.8	52.6
01:00 PM - 02:00 PM	64.9	88.0	53.4
02:00 PM - 03:00 PM	64.0	85.1	52.1
03:00 PM - 04:00 PM	63.6	87.3	52.1
04:00 PM - 05:00 PM	66.2	91.9	53.5
05:00 PM - 06:00 PM	80.1	93.5	76.6
06:00 PM - 07:00 PM	83.7	94.6	84.6
07:00 PM - 08:00 PM	88.6	90.2	59.2
08:00 PM - 09:00 PM	88.7	89.9	57.6
09:00 PM - 10:00 PM	57.3	74.9	50.6
10:00 PM - 11:00 PM	56.6	80.4	49.4
11:00 PM - 12:00 AM	55.6	74.9	46.8
12:00 AM - 01:00 AM	56.0	77.8	47.3
01:00 AM - 02:00 AM	53.9	76.0	49.1
02:00 AM - 03:00 AM	52.4	72.4	49.2
03:00 AM - 04:00 AM	55.3	75.3	49.4
04:00 AM - 05:00 AM	53.8	77.0	48.6
05:00 AM - 06:00 AM	58.6	82.7	50.6
06:00 AM - 07:00 AM	63.3	83.6	54.9
07:00 AM - 08:00 AM	71.7	93.2	63.0
08:00 AM - 09:00 AM	67.8	88.4	58.8
09:00 AM - 10:00 AM	66.3	91.9	55.8

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดมาตรฐานสิ่งแวดล้อมโรงงาน และสิ่งแวดล้อมจากโรงงานอุตสาหกรรม
พ.ศ. 2548

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

Technical Management

Chontichak

Chonticha Subongkroh
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S:\Reports_Air Noise\pr (11-484M)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439482-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-33
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N5)
Measurement Date	Oct 22 - Oct 23, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.5	82.6	55.5
11:00 AM - 12:00 PM	65.9	89.9	54.5
12:00 PM - 01:00 PM	64.0	85.8	53.9
01:00 PM - 02:00 PM	64.7	84.7	53.9
02:00 PM - 03:00 PM	64.9	85.2	54.4
03:00 PM - 04:00 PM	63.7	83.1	53.6
04:00 PM - 05:00 PM	64.5	82.2	54.0
05:00 PM - 06:00 PM	75.4	93.1	59.7
06:00 PM - 07:00 PM	65.0	84.0	54.7
07:00 PM - 08:00 PM	68.0	88.4	58.0
08:00 PM - 09:00 PM	65.9	81.2	56.9
09:00 PM - 10:00 PM	58.9	78.2	51.1
10:00 PM - 11:00 PM	58.8	81.7	50.5
11:00 PM - 12:00 AM	56.3	79.3	48.6
12:00 AM - 01:00 AM	54.1	74.6	47.7
01:00 AM - 02:00 AM	52.5	72.6	49.0
02:00 AM - 03:00 AM	55.7	72.4	49.3
03:00 AM - 04:00 AM	56.5	83.6	48.8
04:00 AM - 05:00 AM	56.8	82.9	48.9
05:00 AM - 06:00 AM	59.8	81.8	50.8
06:00 AM - 07:00 AM	64.4	87.0	54.7
07:00 AM - 08:00 AM	71.2	91.6	63.0
08:00 AM - 09:00 AM	67.9	84.1	59.0
09:00 AM - 10:00 AM	65.3	85.8	55.7

Leq Average 24 hrs. (dB(A))	66.1
Lmax (dB(A))	93.1
L90 (dB(A))	53.9
Ldn (dB(A))	68.2

Standard (dB(A))	70
Reference Method : ISO 1996-1 : 2016	
Standard : 1. ปรมาณการรบกวนเสียงในเวลากลางคืน (N5) (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางคืนไว้ที่ 65 dB(A) และค่าระดับเสียงในเวลากลางวันและกลางคืนที่ 70 dB(A) สำหรับพื้นที่อยู่อาศัย 2. ปรมาณการรบกวนเสียงในเวลากลางวันและกลางคืน (N5) (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางวันและกลางคืนที่ 70 dB(A) สำหรับพื้นที่อยู่อาศัย	
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.	

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

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



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439483-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-34
Parameter	Noise (Leq 24 hrs.)
Location	หน้าอาคารโรงงานอุตสาหกรรม (N5)
Measurement Date	Oct 23 - Oct 24, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	66.3	87.3	55.8
11:00 AM - 12:00 PM	65.2	88.0	53.2
12:00 PM - 01:00 PM	65.3	89.9	52.4
01:00 PM - 02:00 PM	64.6	89.4	53.6
02:00 PM - 03:00 PM	64.6	84.6	53.1
03:00 PM - 04:00 PM	64.2	89.3	53.2
04:00 PM - 05:00 PM	63.4	84.0	51.9
05:00 PM - 06:00 PM	65.9	85.3	57.8
06:00 PM - 07:00 PM	63.1	87.9	52.4
07:00 PM - 08:00 PM	67.1	90.1	57.8
08:00 PM - 09:00 PM	68.3	93.6	56.1
09:00 PM - 10:00 PM	67.5	84.2	50.3
10:00 PM - 11:00 PM	57.9	80.5	50.0
11:00 PM - 12:00 AM	53.9	77.6	48.4
12:00 AM - 01:00 AM	61.2	90.3	46.1
01:00 AM - 02:00 AM	53.5	72.8	50.8
02:00 AM - 03:00 AM	52.9	72.9	51.0
03:00 AM - 04:00 AM	57.0	84.3	50.6
04:00 AM - 05:00 AM	57.6	93.0	49.2
05:00 AM - 06:00 AM	58.2	79.4	51.6
06:00 AM - 07:00 AM	65.0	92.0	55.3
07:00 AM - 08:00 AM	72.4	92.9	62.6
08:00 AM - 09:00 AM	67.0	86.4	58.1
09:00 AM - 10:00 AM	64.9	89.1	55.5

Leq Average 24 hrs. (dB(A))	64.9
Lmax (dB(A))	93.6
L90 (dB(A))	52.4
Ldn (dB(A))	67.7

Standard (dB(A))	70
Reference Method : ISO 1996-1 : 2016	
Standard : 1. ปรมาณการรบกวนเสียงในเวลากลางคืน (N5) (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางคืนไว้ที่ 65 dB(A) และค่าระดับเสียงในเวลากลางวันและกลางคืนที่ 70 dB(A) สำหรับพื้นที่อยู่อาศัย 2. ปรมาณการรบกวนเสียงในเวลากลางวันและกลางคืน (N5) (พ.ศ. 2540) ซึ่งกำหนดค่าระดับเสียงในเวลากลางวันและกลางคืนที่ 70 dB(A) สำหรับพื้นที่อยู่อาศัย	
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.	

Chontichak

Technical Management

Approved by

Supot Salameh

Section Head

Chonticha Subongkroh
Scientist (3)

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



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439484-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-35
Parameter	Noise (Leq 24 hrs.)
Location	หน้าตัวอาคารด้านทิศใต้ (N5)
Measurement Date	Oct 24 - Oct 25, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 597167

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	67.3	96.6	54.9
11:00 AM - 12:00 PM	64.6	89.6	53.1
12:00 PM - 01:00 PM	64.9	93.6	51.7
01:00 PM - 02:00 PM	63.9	85.4	51.9
02:00 PM - 03:00 PM	64.3	87.1	51.7
03:00 PM - 04:00 PM	64.6	90.2	52.4
04:00 PM - 05:00 PM	67.3	90.2	53.5
05:00 PM - 06:00 PM	77.0	97.2	60.8
06:00 PM - 07:00 PM	64.5	87.8	55.1
07:00 PM - 08:00 PM	68.0	91.0	58.9
08:00 PM - 09:00 PM	68.4	92.7	58.3
09:00 PM - 10:00 PM	59.4	81.1	51.9
10:00 PM - 11:00 PM	58.3	77.2	50.9
11:00 PM - 12:00 AM	68.0	81.0	67.3
12:00 AM - 01:00 AM	67.7	82.7	65.7
01:00 AM - 02:00 AM	53.4	75.3	50.1
02:00 AM - 03:00 AM	53.0	72.1	50.0
03:00 AM - 04:00 AM	58.9	87.3	50.2
04:00 AM - 05:00 AM	54.6	79.9	49.9
05:00 AM - 06:00 AM	59.7	86.9	52.1
06:00 AM - 07:00 AM	61.9	80.6	53.9
07:00 AM - 08:00 AM	72.4	94.6	61.9
08:00 AM - 09:00 AM	77.1	95.2	69.4
09:00 AM - 10:00 AM	74.6	93.0	66.0

Leq Average 24 hrs. (dB(A))	69.3
Lmax (dB(A))	97.2
L90 (dB(A))	53.1
Ldn (dB(A))	71.7

Standard (dB(A)) 70
Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนของเสียงในเวลากลางวันและกลางคืน (พ.ร.บ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนของเสียงในเวลากลางคืน (พ.ร.บ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
โดย พ.ร.บ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

Supot Salameh
Section Head

Supot S.

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439485-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number	2593447-36
Parameter	Noise (Leq 24 hrs.)
Location	หน้าตัวอาคารด้านทิศเหนือ (N6)
Measurement Date	Oct 18 - Oct 19, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.5	81.6	52.2
11:00 AM - 12:00 PM	62.5	85.3	51.8
12:00 PM - 01:00 PM	65.3	97.5	50.3
01:00 PM - 02:00 PM	61.9	85.6	52.4
02:00 PM - 03:00 PM	66.4	97.2	52.4
03:00 PM - 04:00 PM	64.1	90.0	58.4
04:00 PM - 05:00 PM	64.3	94.5	54.6
05:00 PM - 06:00 PM	67.3	90.6	55.5
06:00 PM - 07:00 PM	63.3	92.8	50.8
07:00 PM - 08:00 PM	57.9	91.0	56.6
08:00 PM - 09:00 PM	66.0	88.8	53.4
09:00 PM - 10:00 PM	57.3	78.4	52.0
10:00 PM - 11:00 PM	53.3	71.1	51.4
11:00 PM - 12:00 AM	52.3	75.6	50.6
12:00 AM - 01:00 AM	51.7	71.9	50.1
01:00 AM - 02:00 AM	52.8	70.8	50.7
02:00 AM - 03:00 AM	51.1	63.7	50.2
03:00 AM - 04:00 AM	50.7	55.0	50.0
04:00 AM - 05:00 AM	54.1	79.7	49.8
05:00 AM - 06:00 AM	57.8	85.1	47.8
06:00 AM - 07:00 AM	58.4	85.0	47.5
07:00 AM - 08:00 AM	55.2	94.0	49.0
08:00 AM - 09:00 AM	64.6	92.1	48.7
09:00 AM - 10:00 AM	57.6	82.3	49.5

Leq Average 24 hrs. (dB(A))	62.8
Lmax (dB(A))	97.5
L90 (dB(A))	50.7
Ldn (dB(A))	64.5

Standard (dB(A)) 70
Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนของเสียงในเวลากลางวันและกลางคืน (พ.ร.บ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนของเสียงในเวลากลางคืน (พ.ร.บ. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
โดย พ.ร.บ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Chontichak

Technical Management

Approved by

Chonticha Subongkroh
Scientist (3)

Supot Salameh
Section Head

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439485-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-37

Parameter
Noise (Leq 24 hrs.)

Location
หน้าตึกชั้นโรงจอดรถ่านฟ้าสวน (N6)

Measurement Date
Oct 19 - Oct 20, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	59.6	86.9	46.2
11:00 AM - 12:00 PM	56.7	78.3	45.9
12:00 PM - 01:00 PM	56.9	85.4	45.0
01:00 PM - 02:00 PM	56.3	79.9	45.9
02:00 PM - 03:00 PM	59.1	84.6	46.3
03:00 PM - 04:00 PM	58.3	84.5	45.6
04:00 PM - 05:00 PM	60.0	88.7	46.2
05:00 PM - 06:00 PM	62.9	93.9	47.0
06:00 PM - 07:00 PM	58.3	82.7	48.1
07:00 PM - 08:00 PM	59.8	85.4	49.7
08:00 PM - 09:00 PM	59.0	77.9	49.9
09:00 PM - 10:00 PM	56.7	86.1	48.2
10:00 PM - 11:00 PM	61.2	95.6	47.6
11:00 PM - 12:00 AM	50.1	75.3	47.2
12:00 AM - 01:00 AM	50.9	77.1	46.8
01:00 AM - 02:00 AM	47.2	61.3	46.5
02:00 AM - 03:00 AM	50.1	76.4	46.5
03:00 AM - 04:00 AM	49.2	75.0	45.8
04:00 AM - 05:00 AM	51.9	79.3	45.6
05:00 AM - 06:00 AM	54.5	81.2	45.4
06:00 AM - 07:00 AM	65.4	92.8	48.0
07:00 AM - 08:00 AM	71.2	93.2	59.4
08:00 AM - 09:00 AM	66.4	89.3	53.0
09:00 AM - 10:00 AM	62.4	84.6	51.9

Leq Average 24 hrs. (dB(A))

61.6

Lmax (dB(A))

95.6

L90 (dB(A))

46.5

Ldn (dB(A))

65.5

Standard (dB(A))

70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

3. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

4. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

5. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

6. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

7. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

8. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

9. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

10. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

11. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

12. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

13. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

14. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

15. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

16. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

17. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

18. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

19. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

20. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

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Chonticha Subongkroh
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439487-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-38

Parameter
Noise (Leq 24 hrs.)

Location
หน้าตึกชั้นโรงจอดรถ่านฟ้าสวน (N6)

Measurement Date
Oct 20 - Oct 21, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.4	83.8	52.2
11:00 AM - 12:00 PM	53.5	87.2	52.0
12:00 PM - 01:00 PM	53.3	90.6	51.7
01:00 PM - 02:00 PM	52.6	84.6	53.6
02:00 PM - 03:00 PM	51.6	82.6	54.2
03:00 PM - 04:00 PM	56.1	90.3	54.3
04:00 PM - 05:00 PM	59.4	92.4	54.1
05:00 PM - 06:00 PM	63.5	92.4	57.4
06:00 PM - 07:00 PM	70.3	105.0	53.9
07:00 PM - 08:00 PM	65.1	88.5	57.8
08:00 PM - 09:00 PM	53.4	89.3	53.7
09:00 PM - 10:00 PM	59.2	84.3	56.1
10:00 PM - 11:00 PM	56.9	89.5	52.9
11:00 PM - 12:00 AM	55.9	82.3	51.7
12:00 AM - 01:00 AM	53.2	73.1	51.9
01:00 AM - 02:00 AM	52.2	60.4	51.6
02:00 AM - 03:00 AM	51.8	55.2	51.1
03:00 AM - 04:00 AM	52.9	70.6	50.9
04:00 AM - 05:00 AM	57.7	81.9	50.9
05:00 AM - 06:00 AM	57.2	96.1	51.8
06:00 AM - 07:00 AM	72.9	98.1	60.7
07:00 AM - 08:00 AM	58.1	98.1	54.6
08:00 AM - 09:00 AM	52.3	83.3	52.3

Leq Average 24 hrs. (dB(A))

65.2

Lmax (dB(A))

105.0

L90 (dB(A))

52.9

Ldn (dB(A))

68.1

Standard (dB(A))

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

3. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

4. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

5. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

6. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

7. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

8. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

9. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

10. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

11. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

12. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

13. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

14. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

15. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

16. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

17. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

18. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

19. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

20. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh
Section Head

Supot S.

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S:\Reports_Air Noise\pr 11-59AM



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439489-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-39

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงอาหารที่พักแรม (N6)

Measurement Date
Oct 21 - Oct 22, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	63.8	88.7	52.2
11:00 AM - 12:00 PM	65.4	92.3	52.9
12:00 PM - 01:00 PM	61.5	81.7	52.6
01:00 PM - 02:00 PM	63.0	85.5	53.9
02:00 PM - 03:00 PM	63.9	88.9	54.1
03:00 PM - 04:00 PM	62.4	84.6	53.4
04:00 PM - 05:00 PM	63.5	85.2	53.2
05:00 PM - 06:00 PM	66.8	97.6	55.6
06:00 PM - 07:00 PM	60.7	82.5	51.8
07:00 PM - 08:00 PM	68.9	93.2	57.7
08:00 PM - 09:00 PM	66.7	93.5	53.0
09:00 PM - 10:00 PM	56.5	85.9	50.6
10:00 PM - 11:00 PM	56.9	85.9	50.6
11:00 PM - 12:00 AM	53.0	74.0	50.6
12:00 AM - 01:00 AM	59.7	90.9	50.1
01:00 AM - 02:00 AM	53.1	78.7	50.4
02:00 AM - 03:00 AM	51.1	60.2	50.4
03:00 AM - 04:00 AM	54.0	75.3	50.6
04:00 AM - 05:00 AM	55.6	81.2	50.4
05:00 AM - 06:00 AM	54.9	49.7	49.7
06:00 AM - 07:00 AM	64.4	88.4	50.5
07:00 AM - 08:00 AM	71.1	96.3	59.3
08:00 AM - 09:00 AM	66.5	93.6	53.7
09:00 AM - 10:00 AM	64.9	92.2	52.4

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh

Section Head

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S:\Reports_Air Noise\pr 11-59AM



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439489-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-40

Parameter
Noise (Leq 24 hrs.)

Location
หน้าอาคารโรงอาหารที่พักแรม (N6)

Measurement Date
Oct 22 - Oct 23, 2025

Measurement by
Watcharin Pongsamsuan

Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.3	88.1	54.3
11:00 AM - 12:00 PM	63.5	89.5	52.4
12:00 PM - 01:00 PM	61.9	88.7	52.0
01:00 PM - 02:00 PM	61.3	85.8	52.9
02:00 PM - 03:00 PM	62.7	86.6	52.3
03:00 PM - 04:00 PM	62.7	86.4	51.7
04:00 PM - 05:00 PM	63.1	84.7	52.0
05:00 PM - 06:00 PM	67.9	96.0	56.1
06:00 PM - 07:00 PM	64.6	90.3	57.8
07:00 PM - 08:00 PM	68.9	93.7	56.6
08:00 PM - 09:00 PM	64.7	88.1	53.9
09:00 PM - 10:00 PM	57.5	81.6	50.6
10:00 PM - 11:00 PM	54.6	81.3	50.1
11:00 PM - 12:00 AM	53.7	80.9	49.5
12:00 AM - 01:00 AM	51.1	74.8	46.9
01:00 AM - 02:00 AM	50.7	74.3	47.1
02:00 AM - 03:00 AM	48.9	62.5	48.2
03:00 AM - 04:00 AM	57.7	87.5	46.9
04:00 AM - 05:00 AM	55.3	85.7	47.7
05:00 AM - 06:00 AM	60.6	85.4	47.0
06:00 AM - 07:00 AM	63.7	88.0	48.8
07:00 AM - 08:00 AM	69.8	93.0	59.5
08:00 AM - 09:00 AM	66.6	91.4	56.5
09:00 AM - 10:00 AM	65.0	96.0	52.4

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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

Technical Management

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh

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S:\Reports_Air Noise\pr 11-59AM



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439493-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-41

Parameter
Noise (Leq 24 hrs.)
Location
หน้าอาคารโรงงานอุตสาหกรรม (N6)

Measurement Date
Oct 23 - Oct 24, 2025
Measurement by
Watcharin Pongsamsuan
Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.4	90.8	52.0
11:00 AM - 12:00 PM	62.5	83.7	52.2
12:00 PM - 01:00 PM	63.9	96.9	52.8
01:00 PM - 02:00 PM	63.6	90.3	56.1
02:00 PM - 03:00 PM	64.6	91.1	51.9
03:00 PM - 04:00 PM	62.8	84.6	51.8
04:00 PM - 05:00 PM	62.2	86.5	52.6
05:00 PM - 06:00 PM	68.7	94.3	54.3
06:00 PM - 07:00 PM	64.5	93.6	51.6
07:00 PM - 08:00 PM	68.5	95.9	57.8
08:00 PM - 09:00 PM	64.7	86.2	52.8
09:00 PM - 10:00 PM	58.0	85.9	52.6
10:00 PM - 11:00 PM	54.1	71.2	53.2
11:00 PM - 12:00 AM	56.1	83.9	52.7
12:00 AM - 01:00 AM	54.2	71.9	53.4
01:00 AM - 02:00 AM	54.7	75.4	53.3
02:00 AM - 03:00 AM	58.3	88.0	53.7
03:00 AM - 04:00 AM	57.0	86.6	51.1
04:00 AM - 05:00 AM	52.2	73.8	49.1
05:00 AM - 06:00 AM	54.2	77.2	47.5
06:00 AM - 07:00 AM	68.2	95.8	50.1
07:00 AM - 08:00 AM	70.7	91.7	60.4
08:00 AM - 09:00 AM	65.7	90.6	54.4
09:00 AM - 10:00 AM	62.2	86.7	52.0

Leq Average 24 hrs. (dB(A)) 64.3

Lmax (dB(A)) 96.9

L90 (dB(A)) 52.6

Ldn (dB(A)) 68.0

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่ามาตรฐานเสียงและสิ่งแวดล้อมในโรงงานอุตสาหกรรม
โดย พ.ร.บ. 2548

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

Technical Management
Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

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Section Head

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S:\Reports_Air Noise\pr (11-59AM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439493-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachia, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number
2593447-42

Parameter
Noise (Leq 24 hrs.)
Location
หน้าอาคารโรงงานอุตสาหกรรม (N6)

Measurement Date
Oct 24 - Oct 25, 2025
Measurement by
Watcharin Pongsamsuan
Sound Level meter
Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.5	85.7	50.5
11:00 AM - 12:00 PM	61.8	89.2	51.1
12:00 PM - 01:00 PM	57.6	102.0	50.5
01:00 PM - 02:00 PM	60.7	79.7	51.2
02:00 PM - 03:00 PM	50.8	86.0	50.0
03:00 PM - 04:00 PM	61.9	83.3	51.9
04:00 PM - 05:00 PM	62.3	83.3	52.6
05:00 PM - 06:00 PM	68.4	95.1	54.9
06:00 PM - 07:00 PM	63.8	96.5	51.5
07:00 PM - 08:00 PM	69.0	92.0	57.9
08:00 PM - 09:00 PM	65.4	87.8	52.9
09:00 PM - 10:00 PM	55.6	81.1	50.2
10:00 PM - 11:00 PM	54.5	77.2	51.8
11:00 PM - 12:00 AM	54.3	76.1	52.4
12:00 AM - 01:00 AM	52.6	66.1	51.5
01:00 AM - 02:00 AM	52.9	77.1	50.2
02:00 AM - 03:00 AM	57.2	86.3	50.5
03:00 AM - 04:00 AM	50.3	92.5	50.4
04:00 AM - 05:00 AM	51.7	71.3	50.3
05:00 AM - 06:00 AM	57.6	82.0	50.3
06:00 AM - 07:00 AM	63.1	89.4	49.7
07:00 AM - 08:00 AM	71.2	99.2	58.4
08:00 AM - 09:00 AM	67.2	95.0	54.0
09:00 AM - 10:00 AM	62.5	87.0	52.3

Leq Average 24 hrs. (dB(A)) 64.1

Lmax (dB(A)) 102.0

L90 (dB(A)) 51.2

Ldn (dB(A)) 66.6

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานสิ่งแวดล้อมโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่ามาตรฐานเสียงและสิ่งแวดล้อมในโรงงานอุตสาหกรรม
โดย พ.ร.บ. 2548

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

Technical Management
Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh
Section Head

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S:\Reports_Air Noise\pr (12:00PM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439492-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-43
Parameter Noise (Leq 24 hrs.)
Location บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date Oct 18 - Oct 19, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.8	98.8	44.7
12:00 PM - 01:00 PM	49.6	72.7	43.0
01:00 PM - 02:00 PM	52.5	75.8	44.9
02:00 PM - 03:00 PM	51.1	73.2	43.9
03:00 PM - 04:00 PM	51.3	68.5	44.9
04:00 PM - 05:00 PM	52.8	76.6	47.5
05:00 PM - 06:00 PM	52.7	69.8	48.2
06:00 PM - 07:00 PM	54.0	71.1	51.0
07:00 PM - 08:00 PM	55.2	74.4	52.2
08:00 PM - 09:00 PM	54.5	72.1	49.8
09:00 PM - 10:00 PM	55.0	71.2	51.1
10:00 PM - 11:00 PM	54.0	64.0	49.8
11:00 PM - 12:00 AM	52.4	66.5	49.0
12:00 AM - 01:00 AM	55.7	67.6	53.6
01:00 AM - 02:00 AM	51.2	70.0	47.0
02:00 AM - 03:00 AM	48.1	68.1	43.7
03:00 AM - 04:00 AM	45.5	66.8	42.7
04:00 AM - 05:00 AM	45.8	64.1	41.3
05:00 AM - 06:00 AM	48.7	74.7	41.1
06:00 AM - 07:00 AM	48.2	73.1	42.8
07:00 AM - 08:00 AM	49.9	71.5	43.7
08:00 AM - 09:00 AM	48.8	68.3	42.5
09:00 AM - 10:00 AM	46.8	63.1	42.3
10:00 AM - 11:00 AM	47.5	69.8	41.5

Leq Average 24 hrs. (dB(A)) 52.4
Lmax (dB(A)) 98.8
L90 (dB(A)) 44.7
Ldn (dB(A)) 58.0
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

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

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh
Section Head

Life Sciences

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15562-42/ BMAIL

S:Report_Air Noise rpt (12:00PM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439493-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-44
Parameter Noise (Leq 24 hrs.)
Location บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date Oct 19 - Oct 20, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	46.7	72.1	39.5
12:00 PM - 01:00 PM	48.0	71.3	37.3
01:00 PM - 02:00 PM	49.0	73.9	42.4
02:00 PM - 03:00 PM	49.4	76.0	41.8
03:00 PM - 04:00 PM	46.9	71.5	38.5
04:00 PM - 05:00 PM	49.1	68.9	40.7
05:00 PM - 06:00 PM	50.0	71.5	43.9
06:00 PM - 07:00 PM	54.8	71.2	52.2
07:00 PM - 08:00 PM	57.3	77.3	55.1
08:00 PM - 09:00 PM	55.3	74.4	51.9
09:00 PM - 10:00 PM	52.4	66.1	49.7
10:00 PM - 11:00 PM	52.8	74.9	47.9
11:00 PM - 12:00 AM	51.4	68.2	46.0
12:00 AM - 01:00 AM	53.5	77.0	46.9
01:00 AM - 02:00 AM	45.3	56.5	41.1
02:00 AM - 03:00 AM	44.8	66.9	40.9
03:00 AM - 04:00 AM	45.0	60.9	41.6
04:00 AM - 05:00 AM	46.8	75.1	39.9
05:00 AM - 06:00 AM	46.0	63.9	40.2
06:00 AM - 07:00 AM	49.9	71.4	44.6
07:00 AM - 08:00 AM	52.4	69.0	48.1
08:00 AM - 09:00 AM	51.5	74.4	46.9
09:00 AM - 10:00 AM	50.7	69.1	46.9
10:00 AM - 11:00 AM	51.0	67.9	46.7

Leq Average 24 hrs. (dB(A)) 51.3
Lmax (dB(A)) 77.3
L90 (dB(A)) 43.9
Ldn (dB(A)) 56.5
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

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

Chontichak

Chonticha Subongkroh
Scientist (3)

Approved by

Supot Salameh
Section Head

Life Sciences

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15562-42/ BMAIL

S:Report_Air Noise rpt (12:00PM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439494-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-45
Parameter Noise (Leq 24 hrs.)
Location บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date Oct 20 - Oct 21, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.6	69.7	46.5
12:00 PM - 01:00 PM	49.5	75.5	43.4
01:00 PM - 02:00 PM	50.0	67.2	44.9
02:00 PM - 03:00 PM	51.5	72.5	45.7
03:00 PM - 04:00 PM	51.4	70.9	45.4
04:00 PM - 05:00 PM	52.8	73.2	46.7
05:00 PM - 06:00 PM	53.6	74.0	48.2
06:00 PM - 07:00 PM	54.1	72.4	51.3
07:00 PM - 08:00 PM	55.5	72.4	52.0
08:00 PM - 09:00 PM	53.3	73.7	49.2
09:00 PM - 10:00 PM	59.0	85.3	51.6
10:00 PM - 11:00 PM	52.9	76.1	45.0
11:00 PM - 12:00 AM	53.0	66.4	47.8
12:00 AM - 01:00 AM	54.9	68.0	49.8
01:00 AM - 02:00 AM	50.0	67.1	43.6
02:00 AM - 03:00 AM	46.6	68.1	41.0
03:00 AM - 04:00 AM	44.9	63.9	40.3
04:00 AM - 05:00 AM	45.7	66.9	40.1
05:00 AM - 06:00 AM	49.0	72.0	41.1
06:00 AM - 07:00 AM	51.5	71.4	45.9
07:00 AM - 08:00 AM	53.3	70.0	48.5
08:00 AM - 09:00 AM	53.3	72.5	47.5
09:00 AM - 10:00 AM	50.2	71.9	45.6
10:00 AM - 11:00 AM	51.4	72.4	46.2

Leq Average 24 hrs. (dB(A)) 52.7
Lmax (dB(A)) 85.3
L90 (dB(A)) 45.9
Ldn (dB(A)) 57.9
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

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

Chontichak

Technical Management

Approved by

Supot Salameh
Section Head

Chonticha Subongkroh
Scientist (3)

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S:\Reports_Air Noise rpt (12:00PM)



Analysis / Test Report

TESTING
No.0042

Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439495-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Srachua, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 1 of 1

Sample Number 2593447-46
Parameter Noise (Leq 24 hrs.)
Location บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date Oct 21 - Oct 22, 2025
Measurement by Watcharin Pongsamsuan
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.1	70.5	45.5
12:00 PM - 01:00 PM	48.6	69.3	43.0
01:00 PM - 02:00 PM	57.7	101.1	44.9
02:00 PM - 03:00 PM	49.7	64.2	45.1
03:00 PM - 04:00 PM	49.3	68.1	44.8
04:00 PM - 05:00 PM	51.2	70.6	47.5
05:00 PM - 06:00 PM	50.8	70.0	46.0
06:00 PM - 07:00 PM	53.8	70.8	51.1
07:00 PM - 08:00 PM	54.2	69.8	50.7
08:00 PM - 09:00 PM	52.9	73.9	48.8
09:00 PM - 10:00 PM	52.0	69.2	47.6
10:00 PM - 11:00 PM	51.1	67.2	46.2
11:00 PM - 12:00 AM	48.2	72.1	43.0
12:00 AM - 01:00 AM	49.1	67.6	42.9
01:00 AM - 02:00 AM	48.6	72.5	42.6
02:00 AM - 03:00 AM	51.1	73.6	40.4
03:00 AM - 04:00 AM	47.5	69.8	42.2
04:00 AM - 05:00 AM	46.6	67.4	42.2
05:00 AM - 06:00 AM	47.5	71.2	41.2
06:00 AM - 07:00 AM	49.8	70.1	45.4
07:00 AM - 08:00 AM	52.6	69.5	48.5
08:00 AM - 09:00 AM	53.1	78.5	49.3
09:00 AM - 10:00 AM	51.8	68.2	48.3
10:00 AM - 11:00 AM	51.4	72.7	47.6

Leq Average 24 hrs. (dB(A)) 51.6
Lmax (dB(A)) 101.1
L90 (dB(A)) 45.4
Ldn (dB(A)) 56.2
Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรมาณการวัดเสียงตามเกณฑ์ ฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

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

Chontichak

Technical Management

Approved by

Supot Salameh
Section Head

Chonticha Subongkroh
Scientist (3)

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15562-42/ BMAIL

S:\Reports_Air Noise rpt (12:00PM)



Analysis / Test Report



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :
Lot ID: 2593447
Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439486-1

TESTING
No.0042

Page 1 of 1

Sample Number : 2593447-47
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date : Oct 22 - Oct 23, 2025
Measurement by : Watcharin Pongsamsuan
Sound Level meter : Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.6	79.8	46.6
12:00 PM - 01:00 PM	50.2	71.0	45.4
01:00 PM - 02:00 PM	50.3	71.0	46.3
02:00 PM - 03:00 PM	55.6	82.4	47.8
03:00 PM - 04:00 PM	50.1	67.0	45.9
04:00 PM - 05:00 PM	60.4	94.4	47.2
05:00 PM - 06:00 PM	51.9	82.9	46.7
06:00 PM - 07:00 PM	54.1	78.7	51.2
07:00 PM - 08:00 PM	55.1	76.8	52.2
08:00 PM - 09:00 PM	56.5	68.8	55.2
09:00 PM - 10:00 PM	50.2	64.5	46.3
10:00 PM - 11:00 PM	49.3	65.8	44.8
11:00 PM - 12:00 AM	48.2	67.2	43.7
12:00 AM - 01:00 AM	49.0	72.2	44.0
01:00 AM - 02:00 AM	46.7	65.3	42.6
02:00 AM - 03:00 AM	46.4	62.1	41.9
03:00 AM - 04:00 AM	44.3	63.9	40.0
04:00 AM - 05:00 AM	45.1	65.7	41.4
05:00 AM - 06:00 AM	46.9	61.7	41.9
06:00 AM - 07:00 AM	50.8	73.5	44.4
07:00 AM - 08:00 AM	51.6	72.4	46.6
08:00 AM - 09:00 AM	52.0	71.4	47.1
09:00 AM - 10:00 AM	51.9	74.1	46.9
10:00 AM - 11:00 AM	53.0	83.0	48.0

Leq Average 24 hrs. (dB(A)) : 52.6
Lmax (dB(A)) : 94.4
L90 (dB(A)) : 46.3
Ldn (dB(A)) : 55.9
Standard (dB(A)) : 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงของอาคาร อยู่พื้นที่ 15 (พ.ร. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงของอาคาร อยู่พื้นที่ 15 (พ.ร. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Technical Management : Chontichak Chonticha Subongkroh Scientist (3)
Approved by : Supot Salameh Section Head

Supot S.

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Analysis / Test Report



Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :
Lot ID: 2593447
Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439497-1

TESTING
No.0042

Page 1 of 1

Sample Number : 2593447-48
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วโครงการท่าอากาศยาน (N7)
Measurement Date : Oct 23 - Oct 24, 2025
Measurement by : Watcharin Pongsamsuan
Sound Level meter : Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.8	98.6	47.5
12:00 PM - 01:00 PM	50.2	70.9	45.5
01:00 PM - 02:00 PM	50.3	74.8	46.3
02:00 PM - 03:00 PM	50.6	67.7	46.6
03:00 PM - 04:00 PM	50.3	68.3	46.5
04:00 PM - 05:00 PM	50.1	69.2	45.8
05:00 PM - 06:00 PM	49.9	67.6	45.1
06:00 PM - 07:00 PM	52.0	74.1	48.3
07:00 PM - 08:00 PM	51.1	70.6	47.5
08:00 PM - 09:00 PM	51.0	69.7	47.1
09:00 PM - 10:00 PM	50.0	63.7	45.5
10:00 PM - 11:00 PM	48.5	74.4	43.8
11:00 PM - 12:00 AM	47.1	64.0	44.7
12:00 AM - 01:00 AM	47.1	66.9	44.4
01:00 AM - 02:00 AM	46.2	62.4	43.5
02:00 AM - 03:00 AM	46.6	67.4	43.9
03:00 AM - 04:00 AM	46.4	61.8	43.4
04:00 AM - 05:00 AM	45.2	63.2	41.5
05:00 AM - 06:00 AM	47.6	71.1	42.1
06:00 AM - 07:00 AM	51.1	69.8	46.5
07:00 AM - 08:00 AM	52.6	72.4	48.8
08:00 AM - 09:00 AM	52.2	67.5	48.4
09:00 AM - 10:00 AM	52.8	76.0	49.1
10:00 AM - 11:00 AM	51.7	68.0	47.7

Leq Average 24 hrs. (dB(A)) : 51.4
Lmax (dB(A)) : 98.6
L90 (dB(A)) : 45.8
Ldn (dB(A)) : 55.2
Standard (dB(A)) : 70

Reference Method : ISO 1996-1 : 2016
Standard : 1. ปรมาณการรบกวนเสียงของอาคาร อยู่พื้นที่ 15 (พ.ร. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป
2. ปรมาณการรบกวนเสียงของอาคาร อยู่พื้นที่ 15 (พ.ร. 2540) ซึ่งกำหนดค่าระดับเสียงโดยทั่วไป

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

Technical Management : Chontichak Chonticha Subongkroh Scientist (3)
Approved by : Supot Salameh Section Head

Supot S.

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Analysis / Test Report



Client : Rojana Industrial Park Public Co., Ltd.
, Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KSO15/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2593447

Date Received : Oct 27, 2025
Date Reported : Oct 31, 2025
Report Number: 3439488-1

Page 1 of 1

Sample Number	2593447-49
Parameter	Noise (Leq 24 hrs.)
Location	บริเวณรั้วโครงการท่าเรือฯ (N7)
Measurement Date	Oct 24 - Oct 25, 2025
Measurement by	Watcharin Pongsamsuan
Sound Level meter	Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.1	72.9	47.1
12:00 PM - 01:00 PM	63.2	92.5	45.1
01:00 PM - 02:00 PM	49.9	65.6	45.5
02:00 PM - 03:00 PM	50.7	68.0	45.3
03:00 PM - 04:00 PM	50.2	66.7	45.6
04:00 PM - 05:00 PM	51.4	80.8	45.7
05:00 PM - 06:00 PM	50.7	69.3	46.3
06:00 PM - 07:00 PM	53.9	66.1	52.0
07:00 PM - 08:00 PM	54.9	70.1	51.2
08:00 PM - 09:00 PM	53.0	72.1	49.5
09:00 PM - 10:00 PM	49.5	68.3	46.1
10:00 PM - 11:00 PM	48.6	70.9	44.7
11:00 PM - 12:00 AM	46.8	66.3	43.6
12:00 AM - 01:00 AM	49.3	70.0	44.8
01:00 AM - 02:00 AM	49.6	64.9	45.0
02:00 AM - 03:00 AM	48.1	61.6	44.0
03:00 AM - 04:00 AM	47.5	72.0	42.7
04:00 AM - 05:00 AM	45.4	58.3	42.4
05:00 AM - 06:00 AM	47.9	73.1	43.5
06:00 AM - 07:00 AM	57.4	89.8	49.2
07:00 AM - 08:00 AM	52.2	71.4	47.0
08:00 AM - 09:00 AM	52.2	67.8	48.2
09:00 AM - 10:00 AM	51.1	71.1	46.7
10:00 AM - 11:00 AM	52.0	68.3	48.0

Leq Average 24 hrs. (dB(A))	53.5
Lmax (dB(A))	92.5
L90 (dB(A))	45.6
Ldn (dB(A))	57.9

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ใช้เทคนิคการวัดแบบเคลื่อนที่ แบบ 15 (พ.ศ. 2540) ซึ่งกำหนดจุดวัดระดับเสียงโดยทั่วไป
2. ใช้เทคนิคการวัดแบบเคลื่อนที่ แบบกำหนดจุดวัดเฉพาะจุด และระดับเสียงโดยทั่วไปตามการระบุในการ
รายงาน พ.ร.บ. 2548

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

Technical Management

Chontichak

Chonticha Subongkhot
Scientist (3)

Approved by

Supot S.

Supot Salamteh
Section Head

Life Sciences

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15562-42/ ENAL

S:\Reports_Air Noise rpt (1:17PM)

ภาคผนวก ค-3

คุณภาพน้ำผิวดิน และทรัพยากรชีวภาพทางน้ำ



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 1 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือสาธารณะท่าเรือสาธารณะ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.08	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.18	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	<0.0005	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
(A) Iron	mg/L	0.003	0.005	12.2	No Standard	No Standard	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	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	2.10	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced without the written approval of the laboratory.

Approved by

Jitsupa P.

Jitsupa Pratuangsuks
Scientist (2)

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15862-42/ENAL

S:\Reports_AL_2024\ref (9-9-649)



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 2 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือสาธารณะท่าเรือสาธารณะ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112 F	Bangkok
(A) Nickel	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Zinc	mg/L	0.003	0.005	0.008	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
(A) Fecal Coliform	MPN/100mL	-	-	33000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
(A) Total Coliform	MPN/100mL	-	-	130000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced without the written approval of the laboratory.

Approved by

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 3 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือสาธารณะท่าเรือสาธารณะ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 4 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือสาธารณะท่าเรือสาธารณะ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 5 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือเทศบาลตำบลท่าเรือ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 6 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อำเภอท่าเรือ/ท่าเรือเทศบาลตำบลท่าเรือ (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor-Epoxyde	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 7 of 9

Sample Number 2578832-1
Sample Date Sep 30, 2025 10:10 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยจระเข้มากพิกุลทอง (SW1)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
In ¹ Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	3.38	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	3.7	≤2	≤4	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	30	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.3	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.10	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 8 of 9

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
pH at 25 degree C	-	-	-	7.3	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phend *	mg/L	0.0005	0.001	0.004	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.9	(c)	(c)	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	284	No Standard	No Standard	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	6.6	No Standard	No Standard	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	24	No Standard	No Standard	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

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423550-1

Page 9 of 9

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 : Prongthep Sitthithon , Smart Khumplinee
Remark :
- LOD : Limit of Detection
- $\leq C$: Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analytes marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

Page 1 of 9

Sample Number : 2578832-2
Sample Date : Sep 30, 2025 10:00 AM
Sample Description : Surface Water
Location : การทางานที่บริเวณจุดน้ำทิ้งของโรงงาน (SW2)
Date Analysis Commenced : Sep 30, 2025
Condition of Sample : Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.03	≤ 0.01	≤ 0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.15	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤ 0.005	≤ 0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	0.0010	≤ 0.10	≤ 0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr 8	Bangkok
(A) Iron	mg/L	0.003	0.005	4.17	No Standard	No Standard	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	0.0006	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	1.07	≤ 1	≤ 1	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.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 2 of 9

Sample Number 2578832-2
Sampled Date Sep 30, 2025 10:00 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยจันทน์ห้วยทราย (SW2)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
^(A) Nickel	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
^(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
^(A) Zinc	mg/L	0.003	0.005	0.007	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
^(A) Fecal Coliform	MPN/100mL	-	-	170000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
^(A) Total Coliform	MPN/100mL	-	-	490000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
^(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Approved by

Jitsupa P.

Jitsupa Pratuangasuk
Scientist (2)

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
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TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

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Sample Number 2578832-2
Sample Date Sep 30, 2025 10:00 AM
Sample Description Surface Water
Location อำเภอเมืองระยอง จังหวัดระยอง (SW2)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

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Sample Number 2578832-2
Sample Date Sep 30, 2025 10:00 AM
Sample Description Surface Water
Location อำเภอเมืองระยอง จังหวัดระยอง (SW2)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

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Sample Number 2578832-2
Sample Date Sep 30, 2025 10:00 AM
Sample Description Surface Water
Location อำเภอสามโก้ จังหวัดอ่างทอง (SW2)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(M) Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor-Epoxide	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

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Sample Number 2578832-2
Sample Date Sep 30, 2025 10:00 AM
Sample Description Surface Water
Location อำเภอสามโก้ จังหวัดอ่างทอง (SW2)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(M) Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	4.22	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	4.9	≤2	≤4	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	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.1	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.93	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Sample Number : 2578832-2

Sample Date : Sep 30, 2025 10:00 AM

Sample Description : Surface Water

Location : อำเภอสามโก้ จังหวัดอ่างทอง (SW2)

Date Analysis Commenced : Sep 30, 2025

Condition of Sample : Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing pH at 25 degree C		-	-	7.3	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.002	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.5	(c)	(c)	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	216	No Standard	No Standard	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	8.1	No Standard	No Standard	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	25	No Standard	No Standard	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
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423551-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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

Sampling By : Phongthep Sithichol , Samart Khumphlee

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

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Analysis / Test Report

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Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

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Sample Number 2578832-3
Sample Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ดังกล่าวถูกตรวจพบการปนเปื้อนสารเคมีในปริมาณ 500 มก. (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.006	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.11	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	0.02	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
(A) Iron	mg/L	0.003	0.005	2.26	No Standard	No Standard	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	0.002	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	0.42	≤1	≤1	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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Approved by

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 2 of 9

Sample Number 2578832-3
Sample Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ดังกล่าวถูกตรวจพบการปนเปื้อนสารเคมีในปริมาณ 500 มก. (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112 F	Bangkok
(A) Nickel	mg/L	0.0003	0.0005	0.06	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Zinc	mg/L	0.003	0.005	0.01	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
(A) Fecal Coliform	MPN/100mL	-	-	33000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
(A) Total Coliform	MPN/100mL	-	-	49000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 3 of 9

Sample Number 2578832-3
Sampled Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำคลองชลประทานท่าศาลากรมหลวง 500 เมตร (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 4 of 9

Sample Number 2578832-3
Sampled Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำคลองชลประทานท่าศาลากรมหลวง 500 เมตร (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 5 of 9

Sample Number 2578832-3
Sample Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำจากคลองระบายน้ำจากโรงงานอุตสาหกรรม 500 เมตร (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
⁽¹⁴⁾ Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 6 of 9

Sample Number 2578832-3
Sample Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำจากคลองระบายน้ำจากโรงงานอุตสาหกรรม 500 เมตร (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
⁽¹⁴⁾ Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Heptachlor-Epoxyde	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
⁽¹⁴⁾ Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 7 of 9

Sample Number 2578832-3
Sample Date Sep 30, 2025 9:50 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำจากจุดตรวจบริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ 500 เมตร (SW3)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
In ¹ Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.37	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤2	≤4	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	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.51	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 8 of 9

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
pH at 25 degree C	-	-	-	7.4	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.004	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.4	(c)	(c)	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	180	No Standard	No Standard	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	mg/L	-	1.0	<1.0	No Standard	No Standard	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	58	No Standard	No Standard	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

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P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423552-1

Page 9 of 9

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 : Prongthep Sitthithon , Smart Khumplinee
Remark :
- LOD : Limit of Detection
- $\leq C^*$: Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analytes marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

Page 1 of 9

Sample Number : 2578832-4
Sample Date : Sep 30, 2025 10:25 AM
Sample Description : Surface Water
Location : บริเวณถังเก็บน้ำฝนสาธารณะ (SW4)
Date Analysis Commenced : Sep 30, 2025
Condition of Sample : Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.006	≤ 0.01	≤ 0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.10	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤ 0.005	≤ 0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	0.02	≤ 0.10	≤ 0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	0.03	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr 8	Bangkok
(A) Iron	mg/L	0.003	0.005	2.51	No Standard	No Standard	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	0.002	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	0.41	≤ 1	≤ 1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok

Jitsupa P.

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number	2578832-4
Sampled Date	Sep 30, 2025 10:25 AM
Sample Description	Surface Water
Location	พื้นที่น้ำผุดจากธรรมชาติ (SW4)
Date Analysis Commenced	Sep 30, 2025
Condition of Sample	Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
^(A) Nickel	mg/L	0.0003	0.0005	0.07	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
^(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
^(A) Zinc	mg/L	0.003	0.005	0.01	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
^(A) Fecal Coliform	MPN/100mL	-	-	33000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
^(A) Total Coliform	MPN/100mL	-	-	130000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
^(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number	2578832-4
Sampled Date	Sep 30, 2025 10:25 AM
Sample Description	Surface Water
Location	พื้นที่น้ำผุดจากธรรมชาติ (SW4)
Date Analysis Commenced	Sep 30, 2025
Condition of Sample	Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

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Sample Number 2578832-4
Sample Date Sep 30, 2025 10:25 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำคลองระบองรอง (SW4)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

Page 5 of 9

Sample Number 2578832-4
Sample Date Sep 30, 2025 10:25 AM
Sample Description Surface Water
Location พื้นที่ผิวน้ำคลองระบองรอง (SW4)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-4
Sampled Date Sep 30, 2025 10:25 AM
Sample Description Surface Water
Location พื้นที่ใกล้จุดรวมน้ำจากท่อระบายน้ำ (SW4)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(M) Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Heptachlor-Epoxide	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(M) Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

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Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
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Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-4
Sampled Date Sep 30, 2025 10:25 AM
Sample Description Surface Water
Location พื้นที่ใกล้จุดรวมน้ำจากท่อระบายน้ำ (SW4)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(M) Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.31	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤2	≤4	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	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.2	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.92	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Lot ID: 2578832
Date Received : Sep 30, 2025
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Sample Number	2578832-4	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Sampled Date	Sep 30, 2025 10:25 AM								
Sample Description	Surface Water								
Location	พื้นที่น้ำจืดก่อนรวมเข้ารางระบาย (SW4)								
Date Analysis Commenced	Sep 30, 2025								
Condition of Sample	Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)								
Analyte									
Water Testing									
pH at 25 degree C			-	-	7.4	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.003		≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1		No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5		No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.8		(c)	(c)	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	192		No Standard	No Standard	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	<1.0		No Standard	No Standard	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	74		No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423553-1

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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 3)

- (a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Phongthep Sithichol , Samart Khumphlee

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

Approved by

Jitsupa P.

Jitsupa Pratuangsuak
Scientist (2)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Page 1 of 9

Sample Number 2578832-5
Sample Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อำเภอพานทอง/จังหวัดชลบุรี (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.009	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.18	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
(A) Iron	mg/L	0.003	0.005	3.99	No Standard	No Standard	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	0.001	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	1.84	≤1	≤1	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

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

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Sample Number 2578832-5
Sample Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อำเภอพานทอง/จังหวัดชลบุรี (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112 F	Bangkok
(A) Nickel	mg/L	0.0003	0.0005	0.005	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Zinc	mg/L	0.003	0.005	0.02	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
(A) Fecal Coliform	MPN/100mL	-	-	330.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
(A) Total Coliform	MPN/100mL	-	-	1300.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-5
Sampled Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยน้ำขี้เหล็ก (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-5
Sampled Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยน้ำขี้เหล็ก (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-5
Sampled Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยน้ำขี้เหล็ก (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Heptachlor-Epoxyde	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Lot ID: 2578832
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Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Sample Number 2578832-5
Sample Date Sep 30, 2025 10:50 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยหินทราย (SW5)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
In ¹ Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.32	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤2	≤4	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	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.6	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	4.87	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

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Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

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Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
pH at 25 degree C	-	-	-	6.9	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.004	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	29.2	(c)	(c)	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	176	No Standard	No Standard	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	<1.0	No Standard	No Standard	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	18	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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Approved by

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423554-1

Page 9 of 9

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 : Prongthep Sitthithon , Smart Khumplinee
Remark :
- LOD : Limit of Detection
- $\leq C$: Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analytes marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 1 of 9

Sample Number : 2578832-6
Sample Date : Sep 30, 2025 9:35 AM
Sample Description : Surface Water
Location : อ่างเก็บน้ำสาธารณะบ้านไร่ห้วยทราย ตำบลบ้านไร่ อำเภอเมือง (SW6)
Date Analysis Commenced : Sep 30, 2025
Condition of Sample : Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Arsenic	mg/L	0.0003	0.0005	0.005	≤ 0.01	≤ 0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Barium	mg/L	0.0003	0.0005	0.19	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤ 0.005	≤ 0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Copper	mg/L	0.0003	0.0005	0.0005	≤ 0.10	≤ 0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr 8	Bangkok
(A) Iron	mg/L	0.003	0.005	0.98	No Standard	No Standard	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	0.0006	≤ 0.05	≤ 0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Manganese	mg/L	0.0003	0.0005	1.22	≤ 1	≤ 1	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

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 2 of 9

Sample Number 2578832-6
Sample Date Sep 30, 2025 9:35 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยทราย อำเภอเมือง จังหวัดสุพรรณบุรี (SW6)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
(A) Nickel	mg/L	0.0003	0.0005	<0.0005	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
(A) Zinc	mg/L	0.003	0.005	0.006	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
(A) Fecal Coliform	MPN/100mL	-	-	490.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
(A) Total Coliform	MPN/100mL	-	-	3300.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group								
(A) 2,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 3 of 9

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(A) 2,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 2,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDD	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDE	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) 4,4-DDT	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(A) Aldrin	ug/L	0.01	0.02	Not Detected	≤0.10	≤0.10	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 4 of 9

Sample Number 2578832-6
Sample Date Sep 30, 2025 9:35 AM
Sample Description Surface Water
Location อำเภอวังน้ำเย็น จังหวัดสระแก้ว (SW6)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) alpha-BHC	ug/L	0.01	0.02	Not Detected	≤0.02	≤0.02	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) beta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Chlordane	ug/L	0.02	0.04	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) DDT	ug/L	0.06	0.12	Not Detected	≤1	≤1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Delta-BHC	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 5 of 9

Sample Number 2578832-6
Sample Date Sep 30, 2025 9:35 AM
Sample Description Surface Water
Location อำเภอวังน้ำเย็น จังหวัดสระแก้ว (SW6)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
^(A) Dieldrin	ug/L	0.01	0.02	Not Detected	≤0.1	≤0.1	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan I	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan II	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endosulfan sulfate *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin	ug/L	0.01	0.02	Not Detected	Not Detected	Not Detected	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
^(A) Endrin aldehyde *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 6 of 9

Sample Number 2578832-6
Sampled Date Sep 30, 2025 9:35 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยจรเข้ม้า ตำบลบ้านใหม่ อำเภอจตุรพักตรพิมาน จังหวัดร้อยเอ็ด (SW6)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(M) Endrin ketone *	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(M) gamma-Chlordane	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(M) Heptachlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(M) Heptachlor and Heptachlor epoxide *	ug/L	0.01	0.02	Not Detected	≤0.2	≤0.2	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(M) Heptachlor-Epoxide	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
(M) Lindane (gamma-BHC)	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0042
Lot ID: 2578832

Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

Page 7 of 9

Sample Number 2578832-6
Sampled Date Sep 30, 2025 9:35 AM
Sample Description Surface Water
Location อ่างเก็บน้ำห้วยจรเข้ม้า ตำบลบ้านใหม่ อำเภอจตุรพักตรพิมาน จังหวัดร้อยเอ็ด (SW6)
Date Analysis Commenced Sep 30, 2025
Condition of Sample Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Pesticides - Organochlorine Group								
(M) Methoxychlor	ug/L	0.01	0.02	Not Detected	No Standard	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.36	≤0.5	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (F)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤2	≤4	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	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.3	≥4	≥2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
Formaldehyde *	mg/L	0.03	0.1	Not Detected	No Standard	No Standard	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.69	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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Analysis / Test Report

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Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 8 of 9

Sample Number	2578832-6	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Sample Date	Sep 30, 2025 9:35 AM								
Sample Description	Surface Water								
Location	ท่าอากาศยานนานาชาติ 47 กิโลเมตร (SW6)								
Date Analysis Commenced	Sep 30, 2025								
Condition of Sample	Contained in two BOD bottles, two glass vials, two amber glass bottles and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)								
Analyte									
Water Testing									
pH at 25 degree C			-	-	7.0	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *		mg/L	0.0005	0.001	0.004	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *		mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *		mg/L	-	0.5	<0.5	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *		Degree C	-	-	28.2	(c)	(c)	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	136	No Standard	No Standard	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	1.9	No Standard	No Standard	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	10	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced or used for any other purpose without the written approval of the laboratory.

Approved by

Jitsupa P.

Jitsupa Pratuangsuak
Scientist (2)

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S:\Report\AL_SGL-1st (10-0049)



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Sracha, Chonburi 20110
P/O : RJN.KKS015/67
Project Name : Khao Khan Song
Project Location :

TESTING
No.0042
Lot ID: 2578832
Date Received : Sep 30, 2025
Date Reported : Oct 09, 2025
Report Number : 3423555-1

Page 9 of 9

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 3)

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

Sampling By : Phongthep Sithichol, Samart Khumphlee

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

Approved by

Jitsupa P.

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สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Public Co., Ltd.

Address : Khao Khan Song, Siracha, Chonburi, 20110

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Division Cyanophyta						
Class Cyanophyceae						
Order Chroococcales						
Family Chroococcaceae						
1. <i>Merismopedia</i> sp.	-	-	299,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	-	12,000	-	-	-
Order Nostocales						
Family Oscillatoriaceae						
3. <i>Oscillatoria limnetica</i>	2,624,000	3,760,000	37,000	10,000	118,000	37,000
4. <i>Oscillatoria planctonica</i>	1,369,000	480,000	-	-	-	19,000
5. <i>Oscillatoria</i> sp.	966,000	504,000	-	21,000	108,000	-
6. <i>Oscillatoria tenuis</i>	-	-	12,000	31,000	99,000	9,000
Family Nostocaceae						
7. <i>Anabaena</i> sp.	8,000	-	-	-	-	-

ตาราง ผลการวิเคราะห์แฟล่งก์ตอนพืช (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

ชนิดแฟล่งก์ตอนพืช	ปริมาณแฟล่งก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Division Chlorophyta						
Class Chlorophyceae						
Order Volvocales						
Family Volvocaceae						
8. <i>Pandorina morum</i>	-	-	-	31,000	-	19,000
Order Chlorococcales						
Family Hydrodictyaceae						
9. <i>Pediastrum duplex</i>	-	-	-	42,000	-	28,000
10. <i>Pediastrum simplex</i>	-	-	12,000	-	-	-
11. <i>Pediastrum tetras</i>	-	-	12,000	31,000	-	-
Family Oocystaceae						
12. <i>Dictyosphaerium pulchellum</i>	-	-	-	10,000	-	19,000
13. <i>Oocystis elliptica</i>	-	-	50,000	42,000	-	-
14. <i>Tetraedron</i> sp.	-	-	-	10,000	-	-
Family Scenedesmaceae						
15. <i>Scenedesmus acuminatus</i>	-	-	137,000	763,000	-	-
16. <i>Scenedesmus armatus</i>	-	-	747,000	732,000	-	-
17. <i>Scenedesmus dimorphus</i>	-	-	149,000	523,000	-	28,000
18. <i>Scenedesmus opoliensis</i>	-	-	697,000	3,867,000	-	651,000
19. <i>Scenedesmus quadricauda</i>	-	-	398,000	627,000	-	7,719,000
20. <i>Scenedesmus</i> sp.	-	-	125,000	167,000	-	-
Order Zygematales						
Family Desmidiaceae						
21. <i>Closterium acerosum</i>	-	-	-	31,000	-	-
22. <i>Closterium ehrenbergii</i>	-	-	12,000	-	-	-
23. <i>Closterium gracile</i>	-	-	-	-	-	9,000
24. <i>Cosmarium rectangulare</i>	-	-	-	-	-	9,000

ตาราง ผลการวิเคราะห์แฟล่งก์ตอนพืช (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

ชนิดแฟล่งก์ตอนพืช	ปริมาณแฟล่งก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Class Euglenophyceae						
Order Euglenales						
Family Euglenaceae						
25. <i>Euglena acus</i>	16,000	24,000	50,000	21,000	906,000	28,000
26. <i>Euglena oxyuris</i>	-	24,000	12,000	-	-	-
27. <i>Euglena</i> sp.	161,000	1,120,000	25,000	-	-	74,000
28. <i>Lepocinclis ovum</i>	354,000	2,160,000	25,000	-	20,000	65,000
29. <i>Lepocinclis</i> sp.	-	-	-	-	99,000	-
30. <i>Phacus angulatus</i>	-	8,000	-	21,000	315,000	-
31. <i>Phacus hamatus</i>	40,000	32,000	25,000	-	276,000	47,000
32. <i>Phacus longicauda</i>	-	16,000	12,000	10,000	-	9,000
33. <i>Phacus myersi</i>	-	80,000	-	-	-	19,000
34. <i>Phacus platalea</i>	-	24,000	-	10,000	-	-
35. <i>Phacus pleuronectes</i>	-	-	-	10,000	187,000	-
36. <i>Phacus ranula</i>	-	-	-	-	266,000	186,000
37. <i>Phacus</i> sp.	644,000	96,000	12,000	31,000	10,000	-
38. <i>Phacus stokesii</i>	-	-	-	10,000	473,000	37,000
39. <i>Phacus tortus</i>	97,000	56,000	-	10,000	197,000	37,000
40. <i>Strombomonas acuminata</i>	-	-	-	-	-	19,000
41. <i>Strombomonas gibberosa</i>	-	-	-	-	30,000	-
42. <i>Strombomonas girardiana</i>	-	-	-	-	-	47,000
43. <i>Trachelomonas conica</i>	-	-	-	-	-	28,000
44. <i>Trachelomonas crebea</i>	-	-	37,000	-	10,000	2,790,000
45. <i>Trachelomonas hispida</i>	-	8,000	-	10,000	20,000	223,000
46. <i>Trachelomonas lacustris</i>	-	8,000	-	-	-	-
47. <i>Trachelomonas mirabilis</i>	-	-	12,000	-	-	9,000
48. <i>Trachelomonas rugulosa</i>	-	-	-	10,000	39,000	-
49. <i>Trachelomonas superba</i>	-	-	-	-	10,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 30 กันยายน 2568)
(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
50. <i>Trachelomonas volzii</i>	-	-	-	-	-	19,000
Division Chromophyta						
Class Bacillariophyceae						
Order Biddulphiales						
Suborder Coscinodiscineae						
Family Thalassiosiraceae						
51. <i>Cyclotella stelligera</i>	-	-	349,000	10,000	-	-
Family Aulacoseiraceae						
52. <i>Aulacoseira granulata</i>	-	-	-	21,000	-	-
Family Coscinodiscaceae						
53. <i>Coscinodiscus radiatus</i>	-	-	37,000	-	-	19,000
Order Bacillariales						
Suborder Fragilariineae						
Family Fragilariaceae						
54. <i>Diatoma vulgaris</i>	-	-	-	-	-	9,000
55. <i>Synedra acus</i>	-	-	-	10,000	-	-
56. <i>Synedra ulna</i>	-	-	12,000	21,000	-	-
Family Tabellariaceae						
57. <i>Tabellaria fenestrata</i>	129,000	-	-	-	10,000	-
Suborder Bacillariineae						
Family Cymbellaceae						
58. <i>Gomphonema parvulum</i>	-	-	-	21,000	-	-
Family Naviculaceae						
59. <i>Amphora</i> sp.	-	-	-	-	-	9,000
60. <i>Hantzschia amphioxys</i>	-	-	-	-	20,000	-
61. <i>Navicula cuspidata</i>	56,000	16,000	-	-	-	-
62. <i>Navicula</i> sp.	-	8,000	-	-	10,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
63. <i>Pinnularia gibba</i>	40,000	8,000	12,000	-	-	-
64. <i>Pinnularia</i> sp.	-	-	12,000	-	-	-
Family Bacillariaceae						
65. <i>Nitzschia</i> sp.	8,000	-	-	-	-	-
Family Surirellaceae						
66. <i>Surirella linearis</i>	-	-	12,000	-	-	-
67. <i>Surirella robusta</i>	-	-	-	10,000	-	-
68. <i>Surirella tenera</i>	8,000	-	-	-	-	-
Class Crysophyceae						
Order Synurales						
Family Mallomonadaceae						
69. <i>Mallomonas</i> sp.	-	-	-	-	10,000	-
Class Dinophyceae						
Order Gonyaulacales						
Family Ceratiaceae						
70. <i>Ceratium hirundinella</i>	-	-	-	-	-	65,000
Order Peridiniales						
Family Peridiniaceae						
71. <i>Peridinium gatunense</i>	-	-	-	-	-	149,000
ชนิดแพลงก์ตอนพืช	15	19	29	32	22	32
ปริมาณแพลงก์ตอนพืช	6,520,000	8,432,000	3,343,000	7,174,000	3,233,000	12,435,000
ดัชนีความหลากหลายแพลงก์ตอนพืช	1.7382	1.5652	2.4072	1.6952	2.3617	1.3141
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	0.6419	0.5316	0.7149	0.4891	0.7640	0.3792

- Sample Location :**
1. สถานี 2578848-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
 2. สถานี 2578848-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
 3. สถานี 2578848-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
 4. สถานี 2578848-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
 5. สถานี 2578848-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
 6. สถานี 2578848-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment- preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวค้อน)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Public Co., Ltd.

Address : Khao Khan Song, Siracha, Chonburi, 20110

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Phylum Protozoa						
Subphylum Plasmodroma						
Class Sarcodina						
Subclass Rhizopoda						
Order Amoebida						
Family Amoebidae						
1. <i>Amoeba proteus</i>	-	64,000	-	-	-	-
Order Testacida						
Family Arcellidae						
2. <i>Arcella conica</i>	-	184,000	62,000	63,000	10,000	-
3. <i>Arcella</i> sp.	-	-	12,000	42,000	20,000	28,000
4. <i>Arcella vulgaris</i>	-	-	12,000	52,000	10,000	-
Family Diffugiidae						
5. <i>Diffugia acuminata</i>	-	-	-	-	-	9,000
6. <i>Diffugia lobostoma</i>	-	-	12,000	-	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Family Euglyphidae						
7. <i>Euglypha acanthophora</i>	-	-	-	42,000	-	-
8. <i>Euglypha cristata</i>	-	-	-	10,000	-	-
9. <i>Euglypha rotunda</i>	8,000	-	25,000	31,000	10,000	-
10. <i>Euglypha</i> sp.	-	-	-	31,000	10,000	-
Subphylum Ciliophora						
Class Ciliata						
Subclass Holotricha						
Order Gymnostomatida						
11. <i>Coleps</i> sp.	-	-	12,000	-	-	28,000
12. <i>Prorodon</i> sp.	-	32,000	-	10,000	-	-
Order Htmenostomatida						
13. <i>Paramecium</i> sp.	-	56,000	-	-	-	-
Order Hypotrichida						
14. <i>Euplotes</i> sp.	8,000	8,000	-	-	30,000	9,000
Subclass Peritricha						
Order Peritrichida						
15. <i>Vorticella</i> sp.	-	24,000	25,000	31,000	20,000	9,000
16. <i>Zoothamnium</i> sp.	24,000	176,000	37,000	-	30,000	19,000
Phylum Rotifera						
Class Monogononta						
Order Ploima						
Family Brachionidae						
17. <i>Anuraeopsis fissa</i>	-	-	-	-	10,000	9,000
18. <i>Colurella obtusa</i>	-	-	12,000	-	-	-
19. <i>Lepadella acuminata</i>	-	-	12,000	21,000	10,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Family Lecanidae						
20. <i>Lecane closterocerca</i>	-	-	-	10,000	-	-
21. <i>Lecane decipiens</i>	-	-	-	-	-	9,000
22. <i>Lecane stichaea</i>	-	8,000	-	-	-	-
Family Notommatidae						
23. <i>Cephalodella gibba</i>	24,000	8,000	37,000	10,000	-	-
24. <i>Monommata longiseta</i>	16,000	-	-	-	-	9,000
Family Tricercidae						
25. <i>Trichocerca pusilla</i>	-	-	12,000	21,000	-	-
Family Asplanchnidae						
26. <i>Asplanchna priodonta</i>	-	8,000	-	-	10,000	-
Family Synchaetidae						
27. <i>Polyarthra dolichoptera</i>	-	-	-	-	-	47,000
28. <i>Polyarthra vulgaris</i>	-	-	12,000	10,000	-	37,000
Class Digononta						
Family Philodinidae						
29. <i>Rotaria rotatoria</i>	8,000	24,000	12,000	-	-	9,000
Phylum Arthropoda						
Class Crustacea						
Subclass Branchiopoda						
Order Diplostraca						
Suborder Cladocera						
Family Moinidae						
30. <i>Moina macrocopa</i>	-	-	-	-	-	9,000
Family Chydoridae						
31. <i>Alona</i> sp.	8,000	-	-	-	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 กันยายน 2568)

(ต่อ)

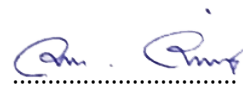
ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)					
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6
Subclass Copepoda						
32. Copepod nauplius	-	8,000	-	-	30,000	9,000
ชนิดแพลงก์ตอนสัตว์	7	12	14	14	12	14
ปริมาณแพลงก์ตอนสัตว์	96,000	600,000	294,000	384,000	200,000	240,000
ดัชนีความหลากหลายแพลงก์ตอนสัตว์	1.8201	1.8840	2.4441	2.4538	2.3627	2.4178
ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์	0.9353	0.7582	0.9261	0.9298	0.9508	0.9162

- Sample Location :**
1. สถานี 2578848-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
 2. สถานี 2578848-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
 3. สถานี 2578848-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
 4. สถานี 2578848-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
 5. สถานี 2578848-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
 6. สถานี 2578848-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment -preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวค่อน)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Public Co., Ltd.

Address : Khao Khan Song, Siracha, Chonburi, 20110

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 กันยายน 2568)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัว)						ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6		
Phylum Chordata								
Class Actinopterygii								
Order Anabantiformes								
Family Channidae								
<i>Channa striata</i> (ปลาค็อน)	-	1	-	-	-	-	17.20	47.70

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 กันยายน 2568) (ต่อ)

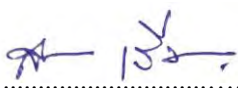
ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัว)						ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6		
Family Osphronemidae								
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	-	-	-	1	-	6.30-7.50	15.80
Order Beloniformes								
Family Zenarchopteridae								
<i>Dermogenys siamensis</i> (ปลาเข้)	-	-	1	-	-	-	3.70	0.10
Order Cichliformes								
Family Cichlidae								
<i>Oreochromis niloticus</i> (ปลานิล)	-	-	1	3	-	4	5.20-16.80	369.20
Order Cypriniformes								
Family Cyprinidae								
<i>Barbonymus gonionotus</i> (ปลาคะเพียนขาว)	-	-	-	-	-	1	13.10	38.80
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	-	-	-	-	-	5	8.70-9.60	44.30
<i>Puntius brevis</i> (ปลาคะเพียนทราย)	1	8	10	8	1	7	6.40-10.20	269.20
<i>Rasbora paviana</i> (ปลาชีวกายแถบดำ)	-	4	2	2	-	4	7.50-9.10	73.60

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 กันยายน 2568) (ต่อ)


ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัว)						ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2578848-1	2578848-2	2578848-3	2578848-4	2578848-5	2578848-6		
ชนิดสัตว์น้ำ	2	3	4	3	2	5	3.70-17.20	858.70
ปริมาณสัตว์น้ำ	3	13	14	13	2	21		
ดัชนีความหลากหลายสัตว์น้ำ	0.6365	0.8587	0.8953	0.9251	0.6931	1.4846		

- Sample Location :**
1. สถานี 2578848-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
 2. สถานี 2578848-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
 3. สถานี 2578848-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
 4. สถานี 2578848-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
 5. สถานี 2578848-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
 6. สถานี 2578848-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : fishing gear



 (นายสารโรจน์ เริ่มคำริห์)
 ผู้วิเคราะห์



 (นายอลงกต อินทรชาติ)
 หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Public Co., Ltd.

Address : Khao Khan Song, Siracha, Chonburi, 20110

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 30 กันยายน 2568)


สกุลสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัว/ตารางเมตร)					
	2578863-1	2578863-2	2578863-3	2578863-4	2578863-5	2578863-6
Phylum Annelida						
Class Clitellata						
Order Lumbriculida						
Family Lumbriculidae						
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำ)	-	163	119	-	-	89
Order Tubificida						
Family Naididae						
<i>Branchiura</i> sp. (ไส้เดือนน้ำ)	-	-	15	-	75	-
Phylum Arthropoda						
Class Insecta						
Order Diptera						
Family Chironomidae						
<i>Chironomus</i> sp. (หนอนแดง)	-	89	-	30	-	30
Family Psychodidae						
<i>Psychoda</i> sp. (ตัวอ่อนแมลงหัวขี้)	-	-	30	-	-	-

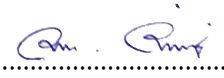
ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 30 กันยายน 2568) (ต่อ)

สกุลสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัว/ตารางเมตร)					
	2578863-1	2578863-2	2578863-3	2578863-4	2578863-5	2578863-6
Phylum Mollusca						
Class Gastropoda						
Order Architaenioglossa						
Family Ampullariidae						
<i>Pomacea</i> sp. (หอยเชอรี่)	30	30	-	-	-	-
Family Viviparidae						
<i>Filopaludina</i> sp. (หอยขม)	75	-	-	-	30	-
Class Bivalvia						
Order Sphaeriida						
Family Sphaeriidae						
<i>Pisidium</i> sp. (หอยทราย)	-	-	-	-	-	15
รวมจำนวนสกุลที่พบทั้งหมด	2	3	3	1	2	3
รวมปริมาณที่พบทั้งหมด	105	282	164	30	105	134
ค่าดัชนีความหลากหลาย	0.5983	0.9192	0.7622	0.0000	0.5983	0.8520

- Sample Location :**
1. สถานี 2578863-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
 2. สถานี 2578863-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
 3. สถานี 2578863-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
 4. สถานี 2578863-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
 5. สถานี 2578863-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
 6. สถานี 2578863-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : contained in one plastic zip bag


 (นายอรณวุฒิ กันทะวงศ์)
 ผู้วิเคราะห์


 (นายอลงกต อินทรชาติ)
 หัวหน้าสถานีวิจัยประมงศรีราชา

ภาคผนวก ค-4

คุณภาพน้ำใต้ดิน และคุณภาพตะกอนดิน



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 1 of 12

Sample Number	2578844-1						
Sampled Date	Sep 26, 2025 9:04 AM						
Sample Description	Underground Water						
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (GW1)						
Date Analysis Commenced	Sep 26, 2025						
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.0007	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Barium	mg/L	0.0003	0.0005	0.49	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	0.0007	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
^[A] Iron	mg/L	0.003	0.005	0.12	No Standard	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	0.02	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	0.28	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Approved by

Dej Changchon
Senior Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 2 of 12

Sample Number	2578844-1					
Sampled Date	Sep 26, 2025 9:04 AM					
Sample Description	Underground Water					
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (GW1)					
Date Analysis Commenced	Sep 26, 2025					
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.003	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.006	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
pH at 25 degree C		-	-	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the National Environmental Board, No. 20, B.E.2543

Sampling By : Warunyoo Chimphalee , Patchanon Inprik

Approved by

Dej Changchon
Senior Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 3 of 12

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 4 of 12

Sample Number	2578844-2						
Sampled Date	Sep 26, 2025 2:21 PM						
Sample Description	Underground Water						
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (GW2)						
Date Analysis Commenced	Sep 26, 2025						
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Barium	mg/L	0.0003	0.0005	0.48	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Copper	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
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
^[A] Iron	mg/L	0.003	0.005	0.49	No Standard	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	0.003	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	0.71	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Approved by

Dej Changchon
Senior Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 5 of 12

Sample Number	2578844-2					
Sampled Date	Sep 26, 2025 2:21 PM					
Sample Description	Underground Water					
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (GW2)					
Date Analysis Commenced	Sep 26, 2025					
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.007	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.04	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
pH at 25 degree C		-	-	4.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the National Environmental Board, No. 20, B.E.2543

Sampling By : Warunyoo Chimphalee , Patchanon Inprik

Approved by

Dej Changchon
Senior Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 6 of 12

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 7 of 12

Sample Number	2578844-3						
Sampled Date	Sep 26, 2025 1:41 PM						
Sample Description	Underground Water						
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (GW3)						
Date Analysis Commenced	Sep 26, 2025						
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Barium	mg/L	0.0003	0.0005	0.22	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	<0.0005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
^[A] Iron	mg/L	0.003	0.005	0.19	No Standard	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	0.005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	0.61	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Approved by

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Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 8 of 12

Sample Number	2578844-3					
Sampled Date	Sep 26, 2025 1:41 PM					
Sample Description	Underground Water					
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (GW3)					
Date Analysis Commenced	Sep 26, 2025					
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.002	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Selenium	mg/L	0.0003	0.0005	0.0008	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.008	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
pH at 25 degree C		-	-	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the National Environmental Board, No. 20, B.E.2543

Sampling By : Warunyoo Chimphalee , Patchanon Inprik

Approved by

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Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 9 of 12

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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 10 of 12

Sample Number	2578844-4						
Sampled Date	Sep 26, 2025 9:56 AM						
Sample Description	Underground Water						
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (GW4)						
Date Analysis Commenced	Sep 26, 2025						
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.0008	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Barium	mg/L	0.0003	0.0005	0.21	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	<0.0005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
^[A] Iron	mg/L	0.003	0.005	0.22	No Standard	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	0.003	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	0.05	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Approved by

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Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 11 of 12

Sample Number	2578844-4					
Sampled Date	Sep 26, 2025 9:56 AM					
Sample Description	Underground Water					
Location	พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (GW4)					
Date Analysis Commenced	Sep 26, 2025					
Condition of Sample	Contained in two glass vials and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.003	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.007	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
pH at 25 degree C		-	-	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the National Environmental Board, No. 20, B.E.2543

Sampling By : Warunyoo Chimphalee , Patchanon Inprik

Approved by

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
Khao Khan Song, Siracha, Chonburi 20110

P/O : RJN.KKS015/67

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2578844

Date Received : Sep 26, 2025

Date Reported : Oct 01, 2025

Report Number : 3387723-1

Page 12 of 12

Remark :

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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 1 of 10

Sample Number 2520321-1
Sampled Date Mar 17, 2025 10:10 AM
Sample Description ตะกอนดิน
Location สำนักงานเขตบางเขน กรุงเทพมหานคร (SD1)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/kg	-	0.50	35.3	≤10	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Barium	mg/kg	-	1.00	75.8	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤0.16	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	5.90	≤21.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Hexavalent Chromium	mg/kg	-	0.25	<0.25	No Standard	United States Environmental Protection Agency, EPA Method 3060 A and 7196 A	Bangkok
Iron	mg/kg	-	1.00	18852	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	19.6	≤36	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Manganese	mg/kg	-	1.00	162	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	2.67	≤27.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok

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Approved by

Sawitree N.
Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 2 of 10

Sample Number 2520321-1
Sampled Date Mar 17, 2025 10:10 AM
Sample Description ตะกอนดิน
Location สำนักงานเขตบางเขน กรุงเทพมหานคร (SD1)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/kg	-	1.00	60.7	≤80	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Physical Parameters							
Moisture	%	-	0.1	50.8	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 G	Bangkok
Soil Testing							
pH aqueous phase 50% (w/v)		-	-	6.3	No Standard	United States Environmental Protection Agency, EPA Method 9045 D	Bangkok

Guideline : ประกาศกระทรวงมหาดไทย เรื่อง เกณฑ์คุณภาพสิ่งแวดล้อมในแหล่งน้ำผิวดินเพื่อคุ้มครองสุขภาพมนุษย์

Note : Analysis Results expressed on dry basis.

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

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Approved by

Sawitree N.
Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 3 of 10

Sample Number 2520321-2
Sampled Date Mar 17, 2025 10:45 AM
Sample Description ตะกอนดิน
Location สำนักงานเขตบางเขน กรุงเทพมหานคร (SD2)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/kg	-	0.50	10.7	≤10	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Barium	mg/kg	-	1.00	30.7	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤0.16	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	8.46	≤21.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Hexavalent Chromium	mg/kg	-	0.25	<0.25	No Standard	United States Environmental Protection Agency, EPA Method 3060 A and 7196 A	Bangkok
Iron	mg/kg	-	1.00	6583	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	11.3	≤36	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Manganese	mg/kg	-	1.00	198	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	2.58	≤27.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok

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Approved by

Sawitree N.
Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 4 of 10

Sample Number 2520321-2
Sampled Date Mar 17, 2025 10:45 AM
Sample Description ตะกอนดิน
Location สำนักงานเขตบางเขน กรุงเทพมหานคร (SD2)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/kg	-	1.00	56.7	≤80	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Physical Parameters							
Moisture	%	-	0.1	34.4	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 G	Bangkok
Soil Testing							
pH aqueous phase 50% (w/v)		-	-	8.2	No Standard	United States Environmental Protection Agency, EPA Method 9045 D	Bangkok

Guideline : ประกาศกระทรวงมหาดไทย เรื่อง เกณฑ์คุณภาพสิ่งแวดล้อมในแหล่งน้ำผิวดินเพื่อคุ้มครองสุขภาพมนุษย์

Note : Analysis Results expressed on dry basis.

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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



15562-42/ EMAIL

S:\reports\AL_SL_opt (7:10PM)



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 5 of 10

Sample Number 2520321-3
Sampled Date Mar 17, 2025 9:30 AM
Sample Description ตะกอนดิน
Location หน่วยฟื้นฟูสิ่งแวดล้อมชุมชนแออัดทางสาธารณะ 500 เมตร (SD3)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/kg	-	0.50	2.79	≤10	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Barium	mg/kg	-	1.00	18.2	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤0.16	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	2.49	≤21.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Hexavalent Chromium	mg/kg	-	0.25	<0.25	No Standard	United States Environmental Protection Agency, EPA Method 3060 A and 7196 A	Bangkok
Iron	mg/kg	-	1.00	2887	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	4.11	≤36	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Manganese	mg/kg	-	1.00	110	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	12.4	≤27.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok

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Approved by

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Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 6 of 10

Sample Number 2520321-3
Sampled Date Mar 17, 2025 9:30 AM
Sample Description ตะกอนดิน
Location หน่วยฟื้นฟูสิ่งแวดล้อมชุมชนแออัดทางสาธารณะ 500 เมตร (SD3)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/kg	-	1.00	15.0	≤80	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Physical Parameters							
Moisture	%	-	0.1	26.6	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 G	Bangkok
Soil Testing							
pH aqueous phase 50% (w/v)		-	-	7.7	No Standard	United States Environmental Protection Agency, EPA Method 9045 D	Bangkok

Guideline : ประกาศกระทรวงมหาดไทย เรื่อง เกณฑ์คุณภาพสิ่งแวดล้อมในแหล่งน้ำผิวดินเพื่อคุ้มครองสุขภาพมนุษย์

Note : Analysis Results expressed on dry basis.

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

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 7 of 10

Sample Number 2520321-4
Sampled Date Mar 17, 2025 12:06 PM
Sample Description ตะกอนดิน
Location หน่วยฟื้นฟูสิ่งแวดล้อมชุมชนแออัดทางสาธารณะ (SD4)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/kg	-	0.50	2.01	≤10	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Barium	mg/kg	-	1.00	18.1	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤0.16	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	1.49	≤21.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Hexavalent Chromium	mg/kg	-	0.25	<0.25	No Standard	United States Environmental Protection Agency, EPA Method 3060 A and 7196 A	Bangkok
Iron	mg/kg	-	1.00	2397	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	3.51	≤36	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Manganese	mg/kg	-	1.00	181	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	9.78	≤27.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 8 of 10

Sample Number 2520321-4
Sampled Date Mar 17, 2025 12:06 PM
Sample Description ตะกอนดิน
Location หน่วยฟื้นฟูสิ่งแวดล้อมชุมชนแออัดทางสาธารณะ (SD4)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/kg	-	1.00	6.85	≤80	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Physical Parameters							
Moisture	%	-	0.1	18.7	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 G	Bangkok
Soil Testing							
pH aqueous phase 50% (w/v)		-	-	7.6	No Standard	United States Environmental Protection Agency, EPA Method 9045 D	Bangkok

Guideline : ประกาศกระทรวงมหาดไทย เรื่อง เกณฑ์คุณภาพสิ่งแวดล้อมในแหล่งน้ำผิวดินเพื่อคุ้มครองสุขภาพมนุษย์

Note : Analysis Results expressed on dry basis.

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

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 9 of 10

Sample Number 2520321-6
Sampled Date Mar 17, 2025 11:15 AM
Sample Description ตะกอนดิน
Location สารานุกรมโหลภายใน ถังขยะ ใต้ห้อง (SD6)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/kg	-	0.50	37.1	≤10	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Barium	mg/kg	-	1.00	125	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤0.16	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	2.79	≤21.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Hexavalent Chromium	mg/kg	-	0.25	<0.25	No Standard	United States Environmental Protection Agency, EPA Method 3060 A and 7196 A	Bangkok
Iron	mg/kg	-	1.00	19454	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	9.18	≤36	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Manganese	mg/kg	-	1.00	451	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	<1.00	≤27.5	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Khao Khan Song
Project Location :

Lot ID: 2520321
Date Received : Mar 17, 2025
Date Reported : Mar 25, 2025
Report Number : 3246738-1

Page 10 of 10

Sample Number 2520321-6
Sampled Date Mar 17, 2025 11:15 AM
Sample Description ตะกอนดิน
Location สารานุกรมโหลภายใน ถังขยะ ใต้ห้อง (SD6)
Date Analysis Commenced Mar 18, 2025
Condition of Sample Contained in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/kg	-	1.00	20.0	≤80	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Physical Parameters							
Moisture	%	-	0.1	50.2	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2003, part 2540 G	Bangkok
Soil Testing							
pH aqueous phase 50% (w/v)		-	-	6.8	No Standard	United States Environmental Protection Agency, EPA Method 9045 D	Bangkok

Guideline : ประกาศกระทรวงมหาดไทย เรื่อง เกณฑ์คุณภาพของดินในแหล่งน้ำดื่มเพื่อคุ้มครองสุขภาพมนุษย์

Note : Analysis Results expressed on dry basis.

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

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ภาคผนวก ค-5

คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-1

Page 1 of 2

Sample Number : 2553798-1
Sampled Date : Jul 18, 2025 11:16 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Jul 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	47.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COO	mg/L	1.5	25	144	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	25	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	23	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
pH at 25 degree C	-	-	-	7.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.90	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5200 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Temperature *	Degree C	-	-	30.3	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	588	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Technical Management

Jitsupa P.

Approved by

Dej Changchon

Jitsupa Pratsangsk
Scientist (2)
โทรศัพท์ : 323-4-0004

Dej Changchon
Senior Manager
โทรศัพท์ : 323-4-0001

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-1

Page 2 of 2

Sample Number : 2553798-1
Sampled Date : Jul 18, 2025 11:16 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Jul 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	30.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Norg (C), part 1803 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	81	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Nattawut Athonprommarat โทรศัพท์ : 323-4-0006, Puttapol Sawangjamart โทรศัพท์ : 204-4-0002

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

Technical Management

Jitsupa P.

Approved by

Dej Changchon

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Scientist (2)
โทรศัพท์ : 323-4-0004

Dej Changchon
Senior Manager
โทรศัพท์ : 323-4-0001

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-2

Page 1 of 4

Sample Number : 2553798-1
Sampled Date : Jul 18, 2025 11:16 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.11	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.010	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500 - C (F)	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.22	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	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	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Zinc	mg/L	0.003	0.005	0.07	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok

Technical Management

Sunimon C.

Approved by

Kankorn Anek

Sunimon Chairuangwut
Scientist (3)
โทรศัพท์ : 204-4-0018

Kankorn Anek
Assistant General Manager
โทรศัพท์ : 204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1404-09 (ENGL)

S:\Report\AL_Nick-up (22-05-2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-2

Page 2 of 4

Sample Number : 2553798-1
Sampled Date : Jul 18, 2025 11:16 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Sunimon C.

Approved by

Kankorn Anek

Sunimon Chairuangwut
Scientist (3)
โทรศัพท์ : 204-4-0018

Kankorn Anek
Assistant General Manager
โทรศัพท์ : 204-4-0004

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1404-09 (ENGL)

S:\Report\AL_Nick-up (22-05-2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-2

Page 3 of 4

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoide *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma DHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxophene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Sampling By : Nittawat Adhompramart รหัสประจำตัว : 323-4-0006 , Pattarapol Sawangjiam รหัสประจำตัว : 204-4-0002

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

Technical Management

Suwimon C.
Suwimon Chaiuangwut
Scientist (3)
รหัสประจำตัว : 204-4-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
รหัสประจำตัว : 204-4-0004

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S:\Report\AL_N402-up (11-03-2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369985-2

Page 4 of 4

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoide *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma DHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxophene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Sampling By : Nittawat Adhompramart รหัสประจำตัว : 323-4-0006 , Pattarapol Sawangjiam รหัสประจำตัว : 204-4-0002

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

Technical Management

Suwimon C.
Suwimon Chaiuangwut
Scientist (3)
รหัสประจำตัว : 204-4-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
รหัสประจำตัว : 204-4-0004

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S:\Report\AL_N402-up (11-03-2025)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานรีไซเคิลพลาสติก (โรงงานรีไซเคิล 2) (โรงงานรีไซเคิล)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-1

Page 1 of 2

Sample Number	2553798-2						
Sampled Date	Jul 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการผลิต (Effluent)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	31.1	≤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	131	≤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	28	≤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	25	≤300	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.04	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Jitsupa P.

Approved by

Dej Changchon

Jitsupa Pratsangsuk
Scientist (2)
โทรศัพท์ 323-4-0094Dej Changchon
Senior Manager
โทรศัพท์ 323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานรีไซเคิลพลาสติก (โรงงานรีไซเคิล 2) (โรงงานรีไซเคิล)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-1

Page 2 of 2

Sample Number	2553798-2						
Sampled Date	Jul 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการผลิต (Effluent)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	<1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	<1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	30.7	<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	544	<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	28.9	<100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500-N (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	58	<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 : Nattawat Athomponnamrat 323-4-0006, Pattapong Sawangjamol 323-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025.

Technical Management

Jitsupa P.

Approved by

Dej Changchon

Jitsupa Pratsangsuk
Scientist (2)
โทรศัพท์ 323-4-0094Dej Changchon
Senior Manager
โทรศัพท์ 323-4-0001

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ALS (THAILAND) CO., LTD. (12/2558)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานรีไซเคิลพลาสติก (โรงงานรีไซเคิล 2) (โรงงานรีไซเคิล)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-2

Page 1 of 5

Sample Number	2553798-2						
Sampled Date	Jul 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการผลิต (Effluent)						
Date Analysis Commenced	Jul 21, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
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,3300 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.07	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 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,3300 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.005	≤2.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 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-G 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,3300 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.13	≤5.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 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

Technical Management

Summon C.

Approved by

Kanokkorn Anek

Summon Chamsangnuek
Scientist (3)
โทรศัพท์ 204-4-0018Kanokkorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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ALS (THAILAND) CO., LTD. (12/2558)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานรีไซเคิลพลาสติก (โรงงานรีไซเคิล 2) (โรงงานรีไซเคิล)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-2

Page 2 of 5

Sample Number	2553798-2						
Sampled Date	Jul 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการผลิต (Effluent)						
Date Analysis Commenced	Jul 21, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.009	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Trivalent Chromium *	mg/L		0.01	<0.01	≤0.75	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Zinc	mg/L	0.003	0.005	0.04	≤5.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DOE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DOT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Summon C.

Approved by

Kanokkorn Anek

Summon Chamsangnuek
Scientist (3)
โทรศัพท์ 204-4-0018Kanokkorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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ALS (THAILAND) CO., LTD. (12/2558)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : WWTP

Page 3 of 5

Sample Number : 2553798-2
Sampled Date : Jul 18, 2025 11:05 AM
Sample Description : Wastewater
Location : ส้วมชุมชน (Effluent)
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suwimon C.
Suwimon Chuanwong
Scientist (3)
โทรศัพท์ ๖-204-๔-0018

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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14000-010 (ENGL)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : WWTP

Page 4 of 5

Sample Number : 2553798-2
Sampled Date : Jul 18, 2025 11:05 AM
Sample Description : Wastewater
Location : ส้วมชุมชน (Effluent)
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suwimon C.
Suwimon Chuanwong
Scientist (3)
โทรศัพท์ ๖-204-๔-0018

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

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14000-010 (ENGL)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : WWTP

Page 5 of 5

Sample Number : 2553798-2
Sampled Date : Jul 18, 2025 11:05 AM
Sample Description : Wastewater
Location : ส้วมชุมชน (Effluent)
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : นักวิทยาศาสตร์สิ่งแวดล้อม โทร ๖-๒๒๔-๔๐๐๐๖, Pattapong Sawangjantam โทรศัพท์ ๖-204-๔-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Suwimon C.
Suwimon Chuanwong
Scientist (3)
โทรศัพท์ ๖-204-๔-0018

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

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14000-010 (ENGL)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : WWTP

Page 1 of 2

Sample Number : 2553798-2
Sampled Date : Jul 18, 2025 11:05 AM
Sample Description : Wastewater
Location : ส้วมชุมชน (Effluent)
Date Analysis Commenced : Jul 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.40	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Fecal 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, E	Bangkok
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
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.41	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	No Report	No Standard	Flow meter	Rayong

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Approved by

Sithichok T.
Sithichok Thongnuen
Scientist (3)

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14000-010 (ENGL)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369986-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 2 of 2

Sample Number	2553798-2						
Sampled Date	Jul 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการผลิต (Effluent)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOB)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F ⁻	mg/L	0.06	0.2	0.4	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (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 : Nuttawat Athornprommarat, Pattarapol Sawangjatanam

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Sithichok T.
Sithichok Thongnueam
Scientist (3)

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14024-01P (ENGL) 1/26/2024, AL_01-up (1:40/2024)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 1 of 2

Sample Number	2553798-3						
Sampled Date	Jul 18, 2025 10:54 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากบ่อเก็บน้ำเสีย (Holding Pond)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	14.4	≤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	41	≤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	16	≤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	14	≤300	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Jitsupa P.
Jitsupa Pratsangruk
Scientist (2)
โทรศัพท์มือถือ 3-323-4-0004

Approved by

Dej Chanchon
Senior Manager
โทรศัพท์มือถือ 3-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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14024-01P (ENGL) 1/26/2024, AL_01-up (10:15/2024)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 2 of 2

Sample Number	2553798-3						
Sampled Date	Jul 18, 2025 10:54 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากบ่อเก็บน้ำเสีย (Holding Pond)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	30.4	≤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	330	≤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	2.0	≤100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	≤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 : Nuttawat Athornprommarat, Pattarapol Sawangjatanam

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

Technical Management

Jitsupa P.
Jitsupa Pratsangruk
Scientist (2)
โทรศัพท์มือถือ 3-323-4-0004

Approved by

Dej Chanchon
Senior Manager
โทรศัพท์มือถือ 3-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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14024-01P (ENGL) 1/26/2024, AL_01-up (10:15/2024)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balth Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 1 of 5

Sample Number	25537-03						
Sampled Date	Jul 18, 2025 10:54 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากบ่อเก็บน้ำเสีย (Holding Pond)						
Date Analysis Commenced	Jul 21, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
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, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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,3130 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤2.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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-C7 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, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.05	≤5.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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

Technical Management

Summon C.
Summon Chamsangrat
Scientist (3)
โทรศัพท์มือถือ 3-204-4-0018

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ 3-204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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14024-01P (ENGL) 1/26/2024, AL_01-up (10:15/2024)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-2

Page 2 of 5

Sample Number 2553798-3
Sampled Date Jul 18, 2025 10:54 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียชุมชน (Holding Pond)
Date Analysis Commenced Jul 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.02	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DOE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suvimon C.
Suvimon Chuanangut
Scientist (3)
โทรศัพท์มือถือ : 204-4-0018

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 204-4-0004

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14024-01P (09/24)

1/26/2025, AL, 30-up (12/20/2024)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-2

Page 3 of 5

Sample Number 2553798-3
Sampled Date Jul 18, 2025 10:54 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียชุมชน (Holding Pond)
Date Analysis Commenced Jul 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DOE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suvimon C.
Suvimon Chuanangut
Scientist (3)
โทรศัพท์มือถือ : 204-4-0018

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 204-4-0004

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14024-01P (09/24)

1/26/2025, AL, 30-up (12/20/2024)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-2

Page 4 of 5

Sample Number 2553798-3
Sampled Date Jul 18, 2025 10:54 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียชุมชน (Holding Pond)
Date Analysis Commenced Jul 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Decalin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suvimon C.
Suvimon Chuanangut
Scientist (3)
โทรศัพท์มือถือ : 204-4-0018

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 204-4-0004

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14024-01P (09/24)

1/26/2025, AL, 30-up (12/20/2024)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTPLot ID: 2553798
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-2

Page 5 of 5

Sample Number 2553798-3
Sampled Date Jul 18, 2025 10:54 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียชุมชน (Holding Pond)
Date Analysis Commenced Jul 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : นายนันท อธิพนมรมานนท์ โทรศัพท์มือถือ : 323-4-0006 , พัทธกรพัฒน์ สารงามงาม โทรศัพท์มือถือ : 204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Suvimon C.
Suvimon Chuanangut
Scientist (3)
โทรศัพท์มือถือ : 204-4-0018

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 204-4-0004

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14024-01P (09/24)

1/26/2025, AL, 30-up (12/20/2024)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2553798

Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงาน 2 (บ้านโพธิ์)
Project Location : WWTP

Page 1 of 2

Sample Number	2553798-3						
Sampled Date	Jul 18, 2025 10:54 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารน้ำทิ้ง (Holding Pond)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 31.25 B, 3100 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 31.25 B, 3100 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	—	—	240.0	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	—	—	1100.0	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.25	No Standard	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m³/s	—	—	No Report	No Standard	Flow meter	Rayong

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Approved by

Sithichok T.
Sithichok Thongnum
Scientist (3)

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S:\Report\AL_NL_01 (40006)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2553798

Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3369987-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงาน 2 (บ้านโพธิ์)
Project Location : WWTP

Page 2 of 2

Sample Number	2553798-3						
Sampled Date	Jul 18, 2025 10:54 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารน้ำทิ้ง (Holding Pond)						
Date Analysis Commenced	Jul 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottle and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOE)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F *	mg/L	0.06	0.2	0.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (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).

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Approved by

Sithichok T.
Sithichok Thongnum
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S:\Report\AL_NL_01 (40006)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงาน 2 (บ้านโพธิ์)
Project Location : WWTP

Page 1 of 2

Sample Number	2564632-1					
Sampled Date	Aug 14, 2025 9:40 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคารน้ำทิ้ง (Influence)					
Date Analysis Commenced	Aug 14, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	67.6	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	197	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMB	-	5	39	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMB	-	5	36	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	0.1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.005	0.01	0.22	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	32.0	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	640	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์ 323-40028

Approved by

D. J. Chongman
Senior Manager
โทรศัพท์ 323-40001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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S:\Report\AL_NL_01 (40006)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงาน 2 (บ้านโพธิ์)
Project Location : WWTP

Page 2 of 2

Sample Number	2564632-1					
Sampled Date	Aug 14, 2025 9:40 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคารน้ำทิ้ง (Influence)					
Date Analysis Commenced	Aug 14, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles; sample containers comply to pretreatment preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOB)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	30.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part 910 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	79	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : นายนันทพร วัฒนศิริ 323-40052, พัทธกร ศวาทธรรม 323-40002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์ 323-40028

Approved by

D. J. Chongman
Senior Manager
โทรศัพท์ 323-40001

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S:\Report\AL_NL_01 (40006)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (ภาคเหนือ)
Project Location : WWTP

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-2

Page 1 of 4

Sample Number : 2564632-1
Sample Date : Aug 14, 2025 9:40 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	<0.0005	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	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Zinc	mg/L	0.003	0.005	0.12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok

Technical Management

Savitree N.
Savitree Nonsangam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0004

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1403-EN (ENG)

ALS Report No. 3388565-2 (7/2024)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (ภาคเหนือ)
Project Location : WWTP

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-2

Page 2 of 4

Sample Number : 2564632-1
Sample Date : Aug 14, 2025 9:40 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dechlorin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nonsangam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1403-EN (ENG)

ALS Report No. 3388565-2 (7/2024)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (ภาคเหนือ)
Project Location : WWTP

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-2

Page 3 of 4

Sample Number : 2564632-1
Sample Date : Aug 14, 2025 9:40 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxyde *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Sampling by : ณัฐณัฐ ชัยมาตย์ โทรศัพท์มือถือ : 2-323-4-0002, พัทธพงศ์ สมวงษ์จตุตถ โทรศัพท์มือถือ : 2-204-4-0002

Remark :
- LOD : Limit of Detection
- "L" : Lower than LOQ (Limit of Quantitation) / LOQ (Limit of Reporting)
- Analyte(s) marked * : square not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Savitree N.
Savitree Nonsangam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0004

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1403-EN (ENG)

ALS Report No. 3388565-2 (7/2024)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์รวมการตรวจวัด 2 (ภาคเหนือ)
Project Location : WWTP

Lot ID: 2564632

Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388565-2

Page 4 of 4

Sample Number : 2564632-1
Sample Date : Aug 14, 2025 9:40 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและซ่อมแซมโรงบำบัดน้ำเสีย 2 (บางนา) (ปรับปรุง)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 388566-3

Page 1 of 2

Sample Number	2564632-1					
Sampled Date	Aug 14, 2025 9:40 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคาร (Influence)					
Date Analysis Commenced	Aug 14, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOB)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	0.64	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	1300000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, C	Bangkok
Total Coliform	MPN/100mL	-	-	2400000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.1	0.5	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	2.65	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (D)	Rayong

Sampling By : Narurat thammassaro, Pattarapol Sawangjatan

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Savitree N.
Savitree Nonsingam
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและซ่อมแซมโรงบำบัดน้ำเสีย 2 (บางนา) (ปรับปรุง)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 388566-3

Page 2 of 2

- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Savitree N.
Savitree Nonsingam
Manager

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3/25664632_02_0009



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและซ่อมแซมโรงบำบัดน้ำเสีย 2 (บางนา) (ปรับปรุง)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 388566-1

Page 1 of 2

Sample Number	2564632-2						
Sampled Date	Aug 14, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารบำบัดน้ำ (Effluent)						
Date Analysis Commenced	Aug 14, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	28.0	≤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	146	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADME	-	5	42	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 F	Rayong
Color (at pH 7.0)	ADME	-	5	38	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchana S.
Photchana Senda
Scientist (4)
หมายเลขโทรศัพท์ 3-323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลขโทรศัพท์ 3-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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3/25664632_01_0042



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและซ่อมแซมโรงบำบัดน้ำเสีย 2 (บางนา) (ปรับปรุง)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 388566-1

Page 2 of 2

page 2 of 2

Sample Number	2564632-2						
Sampled Date	Aug 14, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารบำบัดน้ำ (Effluent)						
Date Analysis Commenced	Aug 14, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	31.0	≤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	752	≤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	24.4	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	59	≤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 : Narurat thammassaro หมายเลขโทรศัพท์ 3-323-4-0052, Pattarapol Sawangjatan หมายเลขโทรศัพท์ 3-323-4-0002

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

Technical Management

Photchana S.
Photchana Senda
Scientist (4)
หมายเลขโทรศัพท์ 3-323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลขโทรศัพท์ 3-323-4-0001

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3/25664632_02_0042



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและเพิ่มประสิทธิภาพการผลิต (2) (น้ำทิ้ง)
Project Location : WWTP

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียอุตสาหกรรม (Effluent)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 5

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
Barium	mg/L	0.0003	0.0005	0.09	≤1.0	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	0.007	≤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-C 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, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.13	≤5.0	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	<0.0005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ : 0-204-4-0007

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์ : 0-204-4-0004

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10/03/2025 (ENGL)

1/10/2025, AL (Lup) (T0890)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและเพิ่มประสิทธิภาพการผลิต (2) (น้ำทิ้ง)
Project Location : WWTP

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียอุตสาหกรรม (Effluent)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 2 of 5

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.05	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ : 0-204-4-0007

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์ : 0-204-4-0004

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10/03/2025 (ENGL)

1/10/2025, AL (Lup) (T0890)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและเพิ่มประสิทธิภาพการผลิต (2) (น้ำทิ้ง)
Project Location : WWTP

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียอุตสาหกรรม (Effluent)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 3 of 5

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ : 0-204-4-0007

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์ : 0-204-4-0004

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10/03/2025 (ENGL)

1/10/2025, AL (Lup) (T0890)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและเพิ่มประสิทธิภาพการผลิต (2) (น้ำทิ้ง)
Project Location : WWTP

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียอุตสาหกรรม (Effluent)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 4 of 5

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ : 0-204-4-0007

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์ : 0-204-4-0004

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10/03/2025 (ENGL)

1/10/2025, AL (Lup) (T0890)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 338566-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 5 of 5

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Aug 15, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Nuravit thammassara วัฒนธรรพ์ 323-00052, Pattarapol Sawangjittam วัฒนธรรพ์ 204-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Savitree N.

Savitree Nosangnam
Manager
โทรเลข 204-0007

Approved by

Kanokorn A.

Kanokorn Anek
Assistant General Manager
โทรเลข 204-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 338566-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 1 of 2

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Aug 14, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.31	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Microbiological Testing							
Fecal 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, E	Bangkok
Total Coliform	MPN/100mL	-	-	49000.0	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.43	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	No Standard	Flow meter	Rayong

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Approved by

Savitree N.

Savitree Nosangnam
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 338566-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 2 of 2

Sample Number : 2564632-2
Sampled Date : Aug 14, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Aug 14, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Fluoride as F *	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (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 : Nuravit thammassara วัฒนธรรพ์ 323-00052, Pattarapol Sawangjittam วัฒนธรรพ์ 204-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Savitree N.

Savitree Nosangnam
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 338566-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (Rojana Industrial Management Co., Ltd. 2 (Bangna))
Project Location : WWTP

Page 1 of 2

Sample Number : 2564632-3
Sampled Date : Aug 14, 2025 10:15 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced : Aug 14, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	18.7	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COO	mg/L	1.5	25	53	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 D	Rayong
Color (at Original pH)	ADMF	-	5	24	≤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)	ADMF	-	5	20	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchanas

Photchanas Seeda
Scientist (4)
โทรเลข 323-0028

Approved by

D. Chongkum

Dij Chongkum
Senior Manager
โทรเลข 323-0001

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-1

Page 2 of 2

Sample Number	2564632-3						
Sampled Date	Aug 14, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสียรวม (Holding Pond)						
Date Analysis Commenced	Aug 14, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	31.0	≤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	392	≤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	6.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4610 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	30	≤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 : นายนันทมาศ เวชวิมลารักษ์ > 323-a-0052, พัทธกรพล สังขทรัพย์ > 323-a-0052, พัทธกรพล สังขทรัพย์ > 204-a-0002

Remark :

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

Technical Management

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Photchana Seeda
Scientist (4)
โทรศัพท์มือถือ > 323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์มือถือ > 323-a-0001

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-2

Page 1 of 5

Sample Number	2564632-3						
Sampled Date	Aug 14, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสียรวม (Holding Pond)						
Date Analysis Commenced	Aug 15, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
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, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	≤1.0	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	0.003	≤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 3000-C1 B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0008	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	≤5.0	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

Technical Management

Savitree N.

Savitree Nossangam
Manager
โทรศัพท์มือถือ > 204-a-0007

Approved by

Kankkorn A.

Kankkorn Anek
Assistant General Manager
โทรศัพท์มือถือ > 204-a-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-2

Page 2 of 5

Sample Number	2564632-3						
Sampled Date	Aug 14, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสียรวม (Holding Pond)						
Date Analysis Commenced	Aug 15, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOB)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.004	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.02	≤5.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.

Savitree Nossangam
Manager
โทรศัพท์มือถือ > 204-a-0007

Approved by

Kankkorn A.

Kankkorn Anek
Assistant General Manager
โทรศัพท์มือถือ > 204-a-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-2

Page 3 of 5

Sample Number	2564632-3						
Sampled Date	Aug 14, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสียรวม/บ่อกักน้ำ (Holding Pond)						
Date Analysis Commenced	Aug 15, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.

Savitree Nossangam
Manager
โทรศัพท์มือถือ > 204-a-0007

Approved by

Kankkorn A.

Kankkorn Anek
Assistant General Manager
โทรศัพท์มือถือ > 204-a-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-2

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location: WWTP

Page 4 of 5

Sample Number 2564632-3
Sampled Date Aug 14, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Aug 15, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Decalin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxy *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsangman
Manager
โทรศัพท์ : 204-4-0007

Approved by

Kankorn Aek
Assistant General Manager
โทรศัพท์ : 204-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-2

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location: WWTP

Page 5 of 5

Sample Number 2564632-3
Sampled Date Aug 14, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Aug 15, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Nannat Thammassaro วัฒนธรรมาภรณ์ 323-4-0052, Pattarapol Sawangjatan วัฒนธรรมาภรณ์ 204-4-0002

Remark :

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

Technical Management

Savitree N.
Savitree Nongsangman
Manager
โทรศัพท์ : 204-4-0007

Approved by

Kankorn Aek
Assistant General Manager
โทรศัพท์ : 204-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-3

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location: WWTP

Page 1 of 2

Sample Number 2564632-3
Sampled Date Aug 14, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Aug 14, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Fecal Coliform	HPN/100mL	-	-	79.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	HPN/100mL	-	-	240.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.25	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	No Standard	Flow meter	Rayong

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Savitree N.
Savitree Nongsangman
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2564632
Date Received : Aug 14, 2025
Date Reported : Aug 22, 2025
Report Number : 3388567-3

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location: WWTP

Page 2 of 2

Sample Number 2564632-3
Sampled Date Aug 14, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Aug 14, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F *	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (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 : Nannat Thammassaro วัฒนธรรมาภรณ์ 323-4-0052, Pattarapol Sawangjatan วัฒนธรรมาภรณ์ 204-4-0002

Remark :

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

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Approved by

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Savitree Nongsangman
Manager

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3/16/2025, AL_01, up | 7/10/2025



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (เจ้าพนักงาน)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-1

Page 1 of 2

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	ตำบลสวนวารี (Influence)					
Date Analysis Commenced	Sep 11, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	32.7	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	128	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	29	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	28	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.008	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	7.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.62	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-C (F)	Rayong
Sulfide *	mg/L	-	0.5	0.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	29.4	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 degrees C	mg/L	-	5	404	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

D. Chongchon

Dej Chongchon
Senior Manager
โทรศัพท์ 3-323-4-0001

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3/Report_AE_NA3-1pt (6/5000)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (เจ้าพนักงาน)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-1

Page 2 of 2

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	บริเวณบึง (Influence)					
Date Analysis Commenced	Sep 11, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	26.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 1803 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	57	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong
Sampling By : Wasan Kruanti โทรศัพท์ 3-323-4-0019, Pattarapol Sewangjatan โทรศัพท์ 3-204-4-0002						
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. - Sampling is not included in scope of accreditation ISO/IEC 17025						

Technical Management

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Approved by

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Dej Chongchon
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3/Report_AE_NA3-1pt (6/5000)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (เจ้าพนักงาน)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-2

Page 1 of 4

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	อุตสาหกรรม (Influence)					
Date Analysis Commenced	Sep 12, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.08	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3540-C B	Bangkok
Lead	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.09	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	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	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok

Technical Management

Sunimon C

Sunimon Chaiwangwut
Scientist (3)
โทรศัพท์ 3-204-4-0018

Approved by

Kankorn Anek

Kankorn Anek
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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3/Report_AE_NA3-1pt (6/5000)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (เจ้าพนักงาน)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-2

Page 2 of 4

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	vicinbunana (Influence)					
Date Analysis Commenced	Sep 12, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Zinc	mg/L	0.003	0.005	0.08	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3300 F	Bangkok
Pesticides - Organochlorine Group						
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Sunimon C

Sunimon Chaiwangwut
Scientist (3)
โทรศัพท์ 3-204-4-0018

Approved by

Kankorn Anek

Kankorn Anek
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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14043101 (ENGL)

3/Report_AE_NA3-1pt (6/5000)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและควบคุมโรงงานผลิต 2 (เจ้าเหมือด)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-2

Page 3 of 4

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคาร (Influence)					
Date Analysis Commenced	Sep 12, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standard (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoide *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Technical Management

Suwimon C.
Suwimon Chaiuangwut
Scientist (3)
โทรศัพท์มือถือ : 09-094-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 09-094-0004

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3/140001_AL_N400_rpt (14/09/25)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและควบคุมโรงงานผลิต 2 (เจ้าเหมือด)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-2

Page 4 of 4

Sampling By : Wisan Kinnuti โทรศัพท์มือถือ : 323-9-0019, Pattarapol Sawangjatan โทรศัพท์มือถือ : 204-9-0002						
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.						
- Sampling is not included in scope of accreditation ISO/IEC 17025						

Technical Management

Suwimon C.
Suwimon Chaiuangwut
Scientist (3)
โทรศัพท์มือถือ : 09-094-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 09-094-0004

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1400-EN (ENG)

3/140001_AL_N400_rpt (14/09/25)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและควบคุมโรงงานผลิต 2 (เจ้าเหมือด)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411130-3

Page 1 of 1

Sample Number	2579405-1					
Sampled Date	Sep 11, 2025 10:40 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคาร (Influence)					
Date Analysis Commenced	Sep 11, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	0.47	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	3300000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	4900000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.1	0.5	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as HBAS *	mg/L	0.015	0.05	1.32	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	0.0186	Flow meter, Analyzed by Client	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (D)	Rayong

Sampling By : Wisan Kinnuti, Pattarapol Sawangjatan

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Suwimon C.
Suwimon Chaiuangwut
Scientist (3)

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1400-EN (ENG)

3/140001_AL_N400_rpt (14/09/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โครงการปรับปรุงและควบคุมโรงงานผลิต 2 (เจ้าเหมือด)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-1

Page 1 of 2

page 1 of 2

Sample Number	2579405-2						
Sampled Date	Sep 11, 2025 10:35 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคาร (Effluent)						
Date Analysis Commenced	Sep 11, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	14.1	≤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	104	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMU	-	5	30	≤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)	ADMU	-	5	27	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.006	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	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
Phenol	mg/L	0.005	0.01	0.03	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์มือถือ : 323-9-0028

Approved by

Dij Changchon
Dij Changchon
Senior Manager
โทรศัพท์มือถือ : 323-9-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1400-EN (ENG)

3/140001_AL_N400_rpt (14/09/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-1

P/O :
Project Name : โรงงานรีไซเคิลพลาสติกโรงงาน 2 (บ้านใหม่)
Project Location : WWTP

Page 2 of 2

Sample Number	2579405-2						
Sampled Date	Sep 11, 2025 10:35 AM						
Sample Description	Wastewater						
Location	สายระบายน้ำออก (Effluent)						
Date Analysis Commenced	Sep 11, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	29.6	≤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	340	≤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	12.9	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4503 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	48	≤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 : วรณ คุ้มทรัพย์ 323-4-0019, พัทธนาพร แซ่แต้ 204-4-0002

Remark :

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

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทรศัพท์ 323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์ 323-4-0001

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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17-000001_01_01 up (10-000001)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-2

P/O :
Project Name : โรงงานรีไซเคิลพลาสติกโรงงาน 2 (บ้านใหม่)
Project Location : WWTP

Page 1 of 5

Sample Number	2579405-2						
Sampled Date	Sep 11, 2025 10:35 AM						
Sample Description	Wastewater						
Location	สายระบายน้ำออก (Effluent)						
Date Analysis Commenced	Sep 12, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
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,31030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.07	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 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,31030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.01	≤2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 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	0.002	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	≤5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 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

Technical Management

Suvimon C

Suvimon Chamsangut
Scientist (3)
โทรศัพท์ 204-4-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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17-000001_01_01 up (10-000001)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-2

P/O :
Project Name : โรงงานรีไซเคิลพลาสติกโรงงาน 2 (บ้านใหม่)
Project Location : WWTP

Page 2 of 5

Sample Number	2579405-2						
Sampled Date	Sep 11, 2025 10:35 AM						
Sample Description	Wastewater						
Location	สายระบายน้ำออก (Effluent)						
Date Analysis Commenced	Sep 12, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.06	≤5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,31030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suvimon C

Suvimon Chamsangut
Scientist (3)
โทรศัพท์ 204-4-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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17-000001_01_01 up (10-000001)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-2

P/O :
Project Name : โรงงานรีไซเคิลพลาสติกโรงงาน 2 (บ้านใหม่)
Project Location : WWTP

Page 3 of 5

Sample Number	25794-2						
Sampled Date	Sep 11, 2025 10:35 AM						
Sample Description	Wastewater						
Location	สายระบายน้ำออก (Effluent)						
Date Analysis Commenced	Sep 12, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Isota-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suvimon C

Suvimon Chamsangut
Scientist (3)
โทรศัพท์ 204-4-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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1402451 (ENGL)

17-000001_01_01 up (10-000001)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนาเหนือ)
Project Location : WWTP

Sample Number : 2579405-2
Sampled Date : Sep 11, 2025 10:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียชุมชน (Effluent)
Date Analysis Commenced : Sep 12, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suwimon C.
Suwimon Chaiyasingrut
Scientist (3)
ขอใบอนุญาตฯ 204-4-0018

Approved by

Kanokorn Anek
Assistant General Manager
ขอใบอนุญาตฯ 204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนาเหนือ)
Project Location : WWTP

Sample Number : 2579405-2
Sampled Date : Sep 11, 2025 10:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียชุมชน (Effluent)
Date Analysis Commenced : Sep 12, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Heptachlor-Epoide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	5	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิภากร วัฒนศิริวัฒน์ 323-4-0019, พัชรพงศ์ เสงี่ยมงามวัฒน์ 204-4-0002

Remark :

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

Technical Management

Suwimon C.
Suwimon Chaiyasingrut
Scientist (3)
ขอใบอนุญาตฯ 204-4-0018

Approved by

Kanokorn Anek
Assistant General Manager
ขอใบอนุญาตฯ 204-4-0004

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14000-01/0000



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนาเหนือ)
Project Location : WWTP

Sample Number : 2579405-2
Sampled Date : Sep 11, 2025 10:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสียชุมชน (Effluent)
Date Analysis Commenced : Sep 11, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.41	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	-	-	2400000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	3300000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as PBAS *	mg/L	0.015	0.05	0.41	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
How rate *	m/s	-	-	No Report	No Standard	How meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (2)	Rayong

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Approved by

Suwimon C.
Suwimon Chaiyasingrut
Scientist (3)

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14000-01/0000



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411131-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนาเหนือ)
Project Location : WWTP

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

Sampling By : วิภากร วัฒนศิริวัฒน์ 323-4-0019, พัชรพงศ์ เสงี่ยมงามวัฒน์ 204-4-0002

Remark :

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

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Approved by

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-1

Page 1 of 2

Sample Number 2579405-3
Sampled Date Sep 11, 2025 10:30 AM
Sample Description Wastewater
Location บริเวณถังเก็บน้ำเสีย (Holding Pond)
Date Analysis Commenced Sep 11, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	8.8	≤20	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O ₅	Rayong
COD	mg/L	1.5	25	42	≤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	18	≤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	15	≤300	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

Dej Changchon
Senior Manager
โทรศัพท์ 3-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-1

Page 2 of 2

Sample Number 2579405-3
Sampled Date Sep 11, 2025 10:30 AM
Sample Description Wastewater
Location บริเวณถังเก็บน้ำเสีย (Holding Pond)
Date Analysis Commenced Sep 11, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	30.2	≤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	368	≤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	7.3	≤100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500-N (D)	Rayong
Total Suspended Solids Dried at 102-105 degree C	mg/L	-	5	19	≤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 : Waen Kruat ควบคุมพื้นที่ 3-323-4-0019, Pattapong Sawangkitam ควบคุมพื้นที่ 3-204-4-0002

Remark :

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

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

Dej Changchon
Senior Manager
โทรศัพท์ 3-323-4-0001

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-2

Page 1 of 5

Sample Number 2579405-3
Sampled Date Sep 11, 2025 10:30 AM
Sample Description Wastewater
Location บริเวณถังเก็บน้ำเสีย (Holding Pond)
Date Analysis Commenced Sep 12, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.04	≤1.0	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	0.0006	≤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-G 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, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.06	≤5.0	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

Technical Management

Summon C
Summon Chamsangrit
Scientist (3)
โทรศัพท์ 3-204-4-0018

Approved by

Kankkorn Anek
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-2

Page 2 of 5

Sample Number 2579405-3
Sampled Date Sep 11, 2025 10:30 AM
Sample Description Wastewater
Location บริเวณถังเก็บน้ำเสีย (Holding Pond)
Date Analysis Commenced Sep 12, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.004	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.02	≤5.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Summon C
Summon Chamsangrit
Scientist (3)
โทรศัพท์ 3-204-4-0018

Approved by

Kankkorn Anek
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 3 of 5

Sample Number : 2579405-3
Sampled Date : Sep 11, 2025 10:30 AM
Sample Description : Wastewater
Location : แหล่งน้ำทิ้งของโรงงาน (Holding Pond)
Date Analysis Commenced : Sep 12, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suwimon C.
Suwimon Chamsangwut
Scientist (3)
โทร: 09-0000-1111

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทร: 09-0000-1111

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1402-EN (ENGL)

12/09/2025, AL-TH-01 (1-4444)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 4 of 5

Sample Number : 2579405-3
Sampled Date : Sep 11, 2025 10:30 AM
Sample Description : Wastewater
Location : แหล่งน้ำทิ้งของโรงงาน (Holding Pond)
Date Analysis Commenced : Sep 12, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Suwimon C.
Suwimon Chamsangwut
Scientist (3)
โทร: 09-0000-1111

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทร: 09-0000-1111

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1402-EN (ENGL)

12/09/2025, AL-TH-01 (1-4444)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 5 of 5

Sample Number : 2579405-3
Sampled Date : Sep 11, 2025 10:30 AM
Sample Description : Wastewater
Location : แหล่งน้ำทิ้งของโรงงาน (Holding Pond)
Date Analysis Commenced : Sep 12, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wissan Kijratt ตรีนิวัฒน์ 3-323-4-0019, Pattapong Sawangjittum ตรีนิวัฒน์ 3-204-4-0002

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

Technical Management

Suwimon C.
Suwimon Chamsangwut
Scientist (3)
โทร: 09-0000-1111

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทร: 09-0000-1111

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1402-EN (ENGL)

12/09/2025, AL-TH-01 (1-4444)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 1 of 2

Sample Number : 2579405-3
Sampled Date : Sep 11, 2025 10:30 AM
Sample Description : Wastewater
Location : แหล่งน้ำทิ้งของโรงงาน (Holding Pond)
Date Analysis Commenced : Sep 11, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	-	-	3300.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	3300.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.12	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	No Velocity	No Standard	How meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (2)	Rayong

Technical Management

Suwimon C.
Suwimon Chamsangwut
Scientist (3)
โทร: 09-0000-1111

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทร: 09-0000-1111

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1402-EN (ENGL)

12/09/2025, AL-TH-01 (1-4444)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานสุร 2 (บ้านใหม่)
Project Location : WWTP

Lot ID: 2579405
Date Received : Sep 11, 2025
Date Reported : Sep 20, 2025
Report Number : 3411132-3

Page 2 of 2

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

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.
* Sampling is not included in scope of Accreditation (SA) (SLC 14025)

Approved by

Summon C.
Summon Chansangut
Scientist (3)

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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10/01/2025

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3/Report_ML_Nick_Lap 1 (202509)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานสุร 2 (บ้านใหม่)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437489-1

Page 1 of 2

Sample Number : 2588288-1
Sampled Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Oct 20, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	37.2	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	144	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	33	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	30	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.007	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (C, F)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	7.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (C, F)	Rayong
Temperature *	Degree C	-	-	30.1	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	324	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

D. Chongchon
Dej Chongchon
Senior Manager
โทรศัพท์ 3-323-4-0001

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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3/Report_ML_Nick_Lap 1 (202509)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานสุร 2 (บ้านใหม่)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437489-1

Page 2 of 2

Sample Number : 2588288-1
Sampled Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Oct 20, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	34.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part 1910 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	82	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Nattawat Achomprorntan วสุณศิริ 3-323-4-0006, Smart Khumpline วสุณศิริ 3-204-4-0004

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.
* Sampling is not included in scope of accreditation (SA) (SLC 14025)

Approved by

D. Chongchon
Dej Chongchon
Senior Manager
โทรศัพท์ 3-323-4-0001

Technical Management

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Photchanas Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

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10/01/2025

RIGHT SOLUTIONS RIGHT PARTNER

3/Report_ML_Nick_Lap 1 (202509)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthal Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานสุร 2 (บ้านใหม่)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437489-2

Page 1 of 4

Sample Number : 2588288-1
Sampled Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สาน้ำเสีย (Influence)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.09	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	<0.0005	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	0.010	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	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500 O B	Bangkok
Lead	mg/L	0.0003	0.0005	0.004	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.17	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	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	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

Technical Management

Chanatt L.
Chanattagim Inthorn
Section Head
โทรศัพท์ 3-204-4-0008

Approved by

Kanokorn Anok
Kanokorn Anok
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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10/01/2025

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3/Report_ML_Nick_Lap 1 (202509)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 13437489-2

Page 2 of 4

Sample Number : 2588288-1
Sample Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สี่แยกพญาไท (Influence)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Zinc	mg/L	0.003	0.005	0.11	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Pesticides - Organochlorine Group						
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanatt L.
Chanattagorn Imchom
Section Head
โทรศัพท์มือถือ : 2-204-4-0008

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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13437489-2

ALS Report No. 13437489-2 (10/29/2025)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 13437489-2

Page 3 of 4

Sample Number : 2588288-1
Sample Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สี่แยกพญาไท (Influence)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Erdrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxyde *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Technical Management

Chanatt L.
Chanattagorn Imchom
Section Head
โทรศัพท์มือถือ : 2-204-4-0008

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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13437489-2

ALS Report No. 13437489-2 (10/29/2025)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 13437489-2

Page 4 of 4

Sampling By : Nattawat Athornprommarat โทรศัพท์มือถือ : 323-4-0006 , Samart Khumphiye โทรศัพท์มือถือ : 2-204-4-0004
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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	0.76	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100ml	-	-	4900000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100ml	-	-	7000000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.3	0.5	<0.5	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	5.06	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (D)	Rayong

Technical Management

Chanatt L.
Chanattagorn Imchom
Section Head
โทรศัพท์มือถือ : 2-204-4-0008

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

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13437489-2

ALS Report No. 13437489-2 (10/29/2025)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 13437489-3

Page 1 of 2

Sample Number : 2588288-1
Sample Date : Oct 20, 2025 9:49 AM
Sample Description : Wastewater
Location : สี่แยกพญาไท (Influence)
Date Analysis Commenced : Oct 20, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	0.76	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100ml	-	-	4900000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100ml	-	-	7000000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.3	0.5	<0.5	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	5.06	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (D)	Rayong

Sampling By : Nattawat Athornprommarat , Samart Khumphiye

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chanatt L.
Chanattagorn Imchom
Section Head

Approved by

Kanokorn A.
Kanokorn Anek
Assistant General Manager

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13437489-2

ALS Report No. 13437489-3 (10/29/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-1

Page 2 of 2

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Approved by

Chanattam Inthorn
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-1

Page 1 of 2

Sample Number	2588288-2						
Sampled Date	Oct 20, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำเสียจากอาคาร (Effluent)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	37.5	≤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	132	≤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	33	≤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	28	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

Dej Chanchon
Senior Manager
โทรศัพท์ 3-323-4-0001

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3/10/2025, 16:00:00 (S.20250910)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-1

Page 2 of 2

Sample Number	2588288-2						
Sampled Date	Oct 20, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำเสียจากอาคาร (Effluent)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment – preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	–	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 -Cl (F)	Rayong
Sulfide *	mg/L	–	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	–	–	30.0	≤40	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2530 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	–	5	368	≤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	13.7	≤100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part Nf5 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	–	5	75	≤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 : Nattawat Athornprommarat โทรศัพท์ 3-323-4-0006, Samart Khumplee โทรศัพท์ 3-323-4-0009

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

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์ 3-323-4-0028

Approved by

Dej Chanchon
Senior Manager
โทรศัพท์ 3-323-4-0001

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3/10/2025, 16:00:00 (S.20250910)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-2

Page 1 of 5

Sample Number	2588288-2						
Sampled Date	Oct 20, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำเสียจากอาคาร (Effluent)						
Date Analysis Commenced	Oct 21, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
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, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.09	≤1.0	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	<0.0005	≤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	0.009	≤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-G B	Bangkok
Lead	mg/L	0.0003	0.0005	0.003	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.18	≤5.0	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

Technical Management

Chanattam Inthorn
Section Head
โทรศัพท์ 3-323-4-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทรศัพท์ 3-204-4-0004

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3/10/2025, 16:00:00 (S.20250910)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : WWTP

Page 2 of 5

Sample Number : 2588288-2
Sampled Date : Oct 20, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.11	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DOE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanatt L.
Chanattagorn Inichom
Section Head
โทรศัพท์ ๖-204-๔-0008

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : WWTP

Page 3 of 5

Sample Number : 2588288-2
Sampled Date : Oct 20, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DOE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanatt L.
Chanattagorn Inichom
Section Head
โทรศัพท์ ๖-204-๔-0008

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : WWTP

Page 4 of 5

Sample Number : 2588288-2
Sampled Date : Oct 20, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanatt L.
Chanattagorn Inichom
Section Head
โทรศัพท์ ๖-204-๔-0008

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : WWTP

Page 5 of 5

Sample Number : 2588288-2
Sampled Date : Oct 20, 2025 10:00 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Heptachlor-Epoxyde *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	9	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Nutawat Athornpromratan ๖-223-๔-0006, Samart Khumplee ๖-204-๔-0084

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

Technical Management

Chanatt L.
Chanattagorn Inichom
Section Head
โทรศัพท์ ๖-204-๔-0008

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๔-0004

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Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางนา) (Rojana Industrial Management Co., Ltd.)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-3

Page 1 of 2

Sample Number	2588288-2						
Sampled Date	Oct 20, 2025 10:00 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารบำบัดน้ำ (Effluent)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.88	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	—	—	1700000.0	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	—	—	1700000.0	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	<0.5	Not Detected	In-house method: STM 04-101 based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	4.01	No Standard	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m³/s	—	—	No Report	No Standard	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.5	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 F	Rayong

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Approved by

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Chanattagim Inthorn
Section Head

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3/256601_AE_01-up (1.0-0206)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางนา) (Rojana Industrial Management Co., Ltd.)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Oct 29, 2025
Report Number : 3437490-3

Page 2 of 2

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางนา) (Rojana Industrial Management Co., Ltd.)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-1

Page 1 of 2

Sample Number	2588288-3						
Sampled Date	Oct 20, 2025 10:15 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารบำบัดน้ำ (Holding Pond)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment – preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.8	≤16	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	49	≤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	30	≤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	27	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard methods for me	Rayong

Technical Management

Photchana S.
Photchana Senda
Scientist (4)
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Approved by

D. Chongchorn
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Senior Manager
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14025-03 (ENGL)

3/256601_AE_01-up (1.0-0206)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางนา) (Rojana Industrial Management Co., Ltd.)
Project Location : WWTP

Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-1

Page 2 of 2

Sample Number	2588288-3						
Sampled Date	Oct 20, 2025 10:15 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารบำบัดน้ำ (Holding Pond)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	30.2	≤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	388	≤1000	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	6.6	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500-D	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤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, BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Nattawat Athornprommarat โทรศัพท์ +323-4-0006, Samart Khumplhee โทรศัพท์ +204-4-0084

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S.
Photchana Senda
Scientist (4)
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Approved by

D. Chongchorn
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14025-03 (ENGL)

3/256601_AE_01-up (1.0-0206)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง) 2 (น้ำทิ้งใหม่)
Project Location : WWTPLot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-2

Page 1 of 5

Sample Number 2588288-3
Sampled Date Oct 20, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Oct 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	≤1.0	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	0.001	≤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-C 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
Manganese	mg/L	0.0003	0.0005	0.04	≤5.0	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

Technical Management

Chanattagorn Inthorn
Section Head
โทรศัพท์ 204-4-0008

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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12/09/2025, AL (L) up (18-03/25)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง) 2 (น้ำทิ้งใหม่)
Project Location : WWTPLot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-2

Page 2 of 5

Sample Number 2588288-3
Sampled Date Oct 20, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Oct 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.006	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.03	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagorn Inthorn
Section Head
โทรศัพท์ 204-4-0008

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-019 (09/24)

12/09/2025, AL (L) up (18-03/25)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง) 2 (น้ำทิ้งใหม่)
Project Location : WWTPLot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-2

Page 3 of 5

Sample Number 2588288-3
Sampled Date Oct 20, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Oct 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagorn Inthorn
Section Head
โทรศัพท์ 204-4-0008

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-019 (09/24)

12/09/2025, AL (L) up (18-03/25)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง) 2 (น้ำทิ้งใหม่)
Project Location : WWTPLot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-2

Page 4 of 5

Sample Number 2588288-3
Sampled Date Oct 20, 2025 10:15 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Oct 21, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagorn Inthorn
Section Head
โทรศัพท์ 204-4-0008

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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12/09/2025, AL (L) up (18-03/25)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรงงาน)
Project Location : WWTP

Page 5 of 5

Sample Number	2588288-3						
Sampled Date	Oct 20, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสีย (Holding Pond)						
Date Analysis Commenced	Oct 21, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment, BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Nattawat Athornprommarat วิศวกร 323-4-0006, Smart Khumphlee วิศวกร 204-4-0004

- 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.
 - Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chanatt L.

Chanattagarn Inthorn
Section Head
วิศวกร 204-4-0008

Approved by

Kankorn Anek

Assistant General Manager
วิศวกร 204-4-0004

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-3P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรงงาน)
Project Location : WWTP

Page 1 of 2

Sample Number	2588288-3						
Sampled Date	Oct 20, 2025 10:15 AM						
Sample Description	Wastewater						
Location	บ่อบำบัดน้ำเสีย (Holding Pond)						
Date Analysis Commenced	Oct 20, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.05	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Microbiological Testing							
Fecal 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, E	Bangkok
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
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	Not Detected	No Standard	In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.37	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No Report	No Standard	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (P)	Rayong

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Approved by

Chanatt L.

Chanattagarn Inthorn
Section Head

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2588288
Date Received : Oct 20, 2025
Date Reported : Nov 01, 2025
Report Number : 3437491-3P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรงงาน)
Project Location : WWTP

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment.
BOD and Total Dissolved Solids guideline set by Rajana Industrial park Chonburi 2 (Khuu Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling by : Nattawat Athornpromratt , Samart Khumplee

Remark :
- LOD : Limit of Detection
- "x" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
Analysis marked "x" were not included in scope of accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

- 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.
 - Sampling is not included in scope of accreditation ISO/IEC 17025

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment, BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Nattawat Athornprommarat วิศวกร 323-4-0006, Smart Khumphlee วิศวกร 204-4-0004

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Approved by

Chanatt L.

Chanattagarn Inthorn
Section Head

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรงงาน)
Project Location : WWTP

Page 1 of 2

Sample Number	2595947-1						Page 1 of 1
Sampled Date	Nov 18, 2025 10:00 AM						
Sample Description	Wastewater						
Location	sluiceway (Influence)						
Date Analysis Commenced	Nov 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location	
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	31.4	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	197	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	25	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	21	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong	
Cyanide as CN	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong	
Formaldehyde	mg/L	0.03	0.1	0.2	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong	
pH at 25 degree C	-	-	-	8.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong	
Phenol	mg/L	0.005	0.01	1.80	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong	
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong	
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong	
Temperature *	Degree C	-	-	28.2	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	520	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong	

Technical Management

Photchanas

Photchanas Seeda
Scientist (4)
วิศวกร 323-4-0028

Approved by

Dej Chanchon

Senior Manager
วิศวกร 323-4-0001

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-1

Page 2 of 2

Sample Number : 2595947-1
Sample Date : Nov 18, 2025 10:00 AM
Sample Description : Wastewater
Location : สาน้ำดื่ม (Influence)
Date Analysis Commenced : Nov 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	32.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 8103 (D)	Rayong
Total Suspended Solids Dried at 103-100 degree C	mg/L	-	5	118	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Watanayoo Chirapachai วัฒนธนาพร >323-4-0020, Patchanon Inrak วัฒนธนาพร >204-4-0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
วัฒนธนาพร >323-4-0020

Approved by

Dej Changchon
Senior Manager
วัฒนธนาพร >323-4-0001

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-2

Page 1 of 4

Sample Number : 2595947-1
Sample Date : Nov 18, 2025 10:00 AM
Sample Description : Wastewater
Location : สาน้ำดื่ม (Influence)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.26	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	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	0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Zinc	mg/L	0.003	0.005	0.08	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok

Technical Management

Nant Somb
Nanthawadee Sombon
Specialist 2
วัฒนธนาพร >204-4-0010

Approved by

Kankorn Anuk
Kankorn Anuk
Assistant General Manager
วัฒนธนาพร >204-4-0004

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14024-019 (ENGL)

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-2

Page 2 of 4

Sample Number : 2595947-1
Sample Date : Nov 18, 2025 10:00 AM
Sample Description : Wastewater
Location : สาน้ำดื่ม (Influence)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb
Nanthawadee Sombon
Specialist 2
วัฒนธนาพร >204-4-0010

Approved by

Kankorn Anuk
Kankorn Anuk
Assistant General Manager
วัฒนธนาพร >204-4-0004

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14024-019 (ENGL)

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-2

Page 2 of 4

Sample Number : 2595947-1
Sample Date : Nov 18, 2025 10:00 AM
Sample Description : Wastewater
Location : สาน้ำดื่ม (Influence)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxy *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	12	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Technical Management

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Nanthawadee Sombon
Specialist 2
วัฒนธนาพร >204-4-0010

Approved by

Kankorn Anuk
Kankorn Anuk
Assistant General Manager
วัฒนธนาพร >204-4-0004

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Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Rattai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-2

Page 4 of 4

Technical Management

Nant Somb
Nanthawadee Somborn
Specialist 2
โทรศัพท์มือถือ : 09-00000000

Approved by

Kanokorn Anuk
Kanokorn Anuk
Assistant General Manager
โทรศัพท์มือถือ : 09-00000000

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Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Rattai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-3

Page 1 of 2

Sample Number	2595947-1					
Sample Date	Nov 18, 2025 10:00 AM					
Sample Description	Wastewater					
Location	น้ำทิ้งจากอาคาร (Influence)					
Date Analysis Commenced	Nov 18, 2025					
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	1.90	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	2400000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	2400000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.1	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	5.14	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No report	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	0.9	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (D)	Rayong

Sampling By : Wairanyoo Chomphalee, Patchanon Ingrak

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

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Approved by

Nant Somb
Nanthawadee Somborn
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Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Rattai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458986-3

Page 2 of 2

* Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Rattai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-1

Page 1 of 2

page 1 of 2

Sample Number	2595947-2						
Sample Date	Nov 18, 2025 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากอาคารพาณิชย์ (Effluent)						
Date Analysis Commenced	Nov 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	33.4	≤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	167	≤120	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMU	-	5	30	≤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)	ADMU	-	5	26	≤300	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.06	≤1.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchanas
Photchanas Seeda
Scientist (4)
โทรศัพท์มือถือ : 09-323-0008

Approved by

D. Chongchon
Dij Chongchon
Senior Manager
โทรศัพท์มือถือ : 09-323-0001

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 2 of 2

Sample Number	2595947-2						
Sampled Date	Nov 18, 2025 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการ (Effluent)						
Date Analysis Commenced	Nov 18, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	27.7	≤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	384	≤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	31.3	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4610 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	107	≤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 : Waranyoo Champhalee วัฒนสุวฤทธิ์ 3-323-a-0020, Patchanan Inpruk วัฒนสุวฤทธิ์ 3-204-a-0197

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

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนสุวฤทธิ์ 3-323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนสุวฤทธิ์ 3-204-a-0001

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14043-019 (ENGL)

31/Nov/2025, AL_01, up 1 (4.02/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 1 of 5

Sample Number	2595947-2						
Sampled Date	Nov 18, 2025 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการ (Effluent)						
Date Analysis Commenced	Nov 19, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
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, 24th ed., 2023, part 3125 B, 3100 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.12	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 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, 3100 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.01	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 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	0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.20	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3100 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

Technical Management

Nant Somb

Nanthawadee Sombcon
Specialist 2
วัฒนสุวฤทธิ์ 3-204-a-0010

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
วัฒนสุวฤทธิ์ 3-204-a-0004

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14043-019 (ENGL)

31/Nov/2025, AL_01, up 1 (4.02/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 2 of 5

Sample Number	2595947-2						
Sampled Date	Nov 18, 2025 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการ (Effluent)						
Date Analysis Commenced	Nov 19, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F	Bangkok
Zinc	mg/L	0.003	0.005	0.05	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb

Nanthawadee Sombcon
Specialist 2
วัฒนสุวฤทธิ์ 3-204-a-0010

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
วัฒนสุวฤทธิ์ 3-204-a-0004

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14043-019 (ENGL)

31/Nov/2025, AL_01, up 1 (4.02/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 3 of 5

Sample Number	2595947-2						
Sampled Date	Nov 18, 2025 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากกระบวนการ (Effluent)						
Date Analysis Commenced	Nov 19, 2025						
Condition of Sample	Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb

Nanthawadee Sombcon
Specialist 2
วัฒนสุวฤทธิ์ 3-204-a-0010

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
วัฒนสุวฤทธิ์ 3-204-a-0004

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14043-019 (ENGL)

31/Nov/2025, AL_01, up 1 (4.02/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-2

Page 4 of 5

Sample Number : 2595947-2
Sampled Date : Nov 18, 2025 9:55 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Decalin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxy *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb
Nanthawadee Sombon
Specialist 2
โทรศัพท์ : 094-4-0010

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ : 094-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-2

Page 5 of 5

Sample Number : 2595947-2
Sampled Date : Nov 18, 2025 9:55 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	10	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wanayong Chomphalee โทรศัพท์ : 02-323-40020, Patchanon Inpiak โทรศัพท์ : 02-4-0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Nant Somb
Nanthawadee Sombon
Specialist 2
โทรศัพท์ : 094-4-0010

Approved by

Kankorn Anek
Kankorn Anek
Assistant General Manager
โทรศัพท์ : 094-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-3

Page 1 of 2

Sample Number : 2595947-2
Sampled Date : Nov 18, 2025 9:55 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Nov 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	1.13	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Microbiological Testing							
Fecal Coliform	HPN/100mL	-	-	220000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9223 B, E	Bangkok
Total Coliform	HPN/100mL	-	-	220000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9223 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	<0.5	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.88	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	-	-	No report	No Standard	Flow meter	Rayong

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Approved by

Nant Somb
Nanthawadee Sombon
Specialist 2

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458987-3

Page 2 of 2

Sample Number : 2595947-2
Sampled Date : Nov 18, 2025 9:55 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Nov 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F *	mg/L	0.06	0.2	0.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (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 : Wanayong Chomphalee โทรศัพท์ : 02-323-40020, Patchanon Inpiak โทรศัพท์ : 02-4-0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Approved by

Nant Somb
Nanthawadee Sombon
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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการปรับปรุงคุณภาพน้ำทิ้งโรงงาน 2 (บางเขน)
Project Location : WWTPLot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-1

Page 1 of 2

Sample Number 2595947-3
Sampled Date Nov 18, 2025 9:35 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Nov 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	6.8	≤16	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	39	≤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	16	≤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	13	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4540 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทรศัพท์ 0-323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์ 0-323-4-0001

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการปรับปรุงคุณภาพน้ำทิ้งโรงงาน 2 (บางเขน)
Project Location : WWTPLot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-1

Page 2 of 2

Sample Number 2595947-3
Sampled Date Nov 18, 2025 9:35 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Nov 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	27.4	≤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	344	≤1000	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	4.6	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4510 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	22	≤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.
BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chobun 2 (Khae Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Wanayong Chiraphalee โทรศัพท์ 0-323-4-0020, Patchanan Inpruk โทรศัพท์ 0-204-4-0197

Remark :

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

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทรศัพท์ 0-323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์ 0-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการปรับปรุงคุณภาพน้ำทิ้งโรงงาน 2 (บางเขน)
Project Location : WWTPLot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-2

Page 1 of 5

Sample Number 2595947-3
Sampled Date Nov 18, 2025 9:35 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Nov 19, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

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,3130 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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,3130 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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-G 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, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.06	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 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

Technical Management

Nant Sornb

Nantawadee Sornboon
Specialist 2
โทรศัพท์ 0-204-4-0010

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
โทรศัพท์ 0-204-4-0004

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Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Ratthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการปรับปรุงคุณภาพน้ำทิ้งโรงงาน 2 (บางเขน)
Project Location : WWTPLot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-2

Page 2 of 5

Sample Number 2595947-3
Sampled Date Nov 18, 2025 9:35 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสียอุตสาหกรรม (Holding Pond)
Date Analysis Commenced Nov 19, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.008	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Zinc	mg/L	0.003	0.005	0.02	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Sornb

Nantawadee Sornboon
Specialist 2
โทรศัพท์ 0-204-4-0010

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
โทรศัพท์ 0-204-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาระบบบำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-2

Page 3 of 5

Sample Number : 2595947-3
Sampled Date : Nov 18, 2025 9:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb
Nanthawadee Somboon
Specialist 2
โทรศัพท์มือถือ : 09-294-4-0010

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 09-294-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาระบบบำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-2

Page 4 of 5

Sample Number : 2595947-3
Sampled Date : Nov 18, 2025 9:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Erdrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxy *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Nant Somb
Nanthawadee Somboon
Specialist 2
โทรศัพท์มือถือ : 09-294-4-0010

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 09-294-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาระบบบำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-2

Page 5 of 5

Sample Number : 2595947-3
Sampled Date : Nov 18, 2025 9:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced : Nov 19, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	<3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment. BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Waranyoo Chimphelee โทรศัพท์มือถือ : 09-323-4-0020, Patchanon Inpink โทรศัพท์มือถือ : 09-294-4-0197

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

Technical Management

Nant Somb
Nanthawadee Somboon
Specialist 2
โทรศัพท์มือถือ : 09-294-4-0010

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 09-294-4-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โครงการพัฒนาระบบบำบัดน้ำเสีย (2) (ฉบับแก้ไข)
Project Location : WWTP

Lot ID: 2595947
Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-3

Page 1 of 2

Sample Number : 2595947-3
Sampled Date : Nov 18, 2025 9:35 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced : Nov 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.08	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3103 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	-	-	2400.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	2400.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	<0.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.16	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	No report	No Standard	Flow meter	Rayong

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595947

Date Received : Nov 18, 2025
Date Reported : Nov 26, 2025
Report Number : 3458988-3

P/O : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Location : WWTP

Page 2 of 2

Sample Number : 2595947-3
Sample Date : Nov 18, 2025 9:35 AM
Sample Description : Wastewater
Location : บึงน้ำทิ้งของโรงงาน (Holding Pond)
Date Analysis Commenced : Nov 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F ⁻	mg/L	0.06	0.2	0.6	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (D)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment, BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : Wanayoo Chimpalee, Patchanon Inrak

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

Approved by

Nant Sornboon
Nant Sornboon
Specialist 2

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084

Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-1

P/O : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Location : WWTP

Page 1 of 2

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : บึงน้ำทิ้งของโรงงาน (Influence)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	83.4	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	313	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	45	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	41	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Formaldehyde	mg/L	0.03	0.1	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
pH at 25 degree C	-	-	-	8.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	4.43	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Sulfide *	mg/L	-	0.5	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - C (F)	Rayong
Temperature *	Degree C	-	-	28.4	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	612	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Technical Management

Jitsupa P.
Jitsupa Pratsungk
Scientist (2)
โทรศัพท์มือถือ : 323-4-0004

Approved by

Dej Changchon
Senior Manager
โทรศัพท์มือถือ : 323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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14026-019 (ENGL)

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S:\Report\AL_0042\1 (1/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084

Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-1

P/O : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Location : WWTP

Page 2 of 2

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : บึงน้ำทิ้งของโรงงาน (Influence)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	35.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500-N (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	73	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Nangong โทรศัพท์มือถือ : 323-4-0011, Patsarapong Sawangjaitam โทรศัพท์มือถือ : 204-4-0002

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

Technical Management

Jitsupa P.
Jitsupa Pratsungk
Scientist (2)
โทรศัพท์มือถือ : 323-4-0004

Approved by

Dej Changchon
Senior Manager
โทรศัพท์มือถือ : 323-4-0001

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14026-019 (ENGL)

RIGHT SOLUTIONS RIGHT PARTNER

S:\Report\AL_0042\2 (1/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084

Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-2

P/O : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (2) (ท่าใหม่)
Project Location : WWTP

Page 1 of 4

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : บึงน้ำทิ้งของโรงงาน (Influence)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.22	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	0.05	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	0.03	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	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500 O B	Bangkok
Lead	mg/L	0.0003	0.0005	0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.16	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	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	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.009	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	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	0.13	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok

Technical Management

Sawatree N.
Sawatree Nangong
Manager
โทรศัพท์มือถือ : 204-4-0007

Approved by

Kanokorn Anok
Assistant General Manager
โทรศัพท์มือถือ : 204-4-0004

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14026-019 (ENGL)

RIGHT SOLUTIONS RIGHT PARTNER

S:\Report\AL_0009\1 (1/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับปรับปรุง)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-2

Page 2 of 4

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : สี่แยกสนามกีฬา (Influence)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
delta-BHC *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nonsangiam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

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ALS Report No. 0009 (Page 2 of 4)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับปรับปรุง)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-2

Page 3 of 4

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : สี่แยกสนามกีฬา (Influence)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Pesticides - Organochlorine Group						
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Oil & Grease *	mg/L	-	3	21	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Sampling By : สุรเวทย์ นารอง , พัชรพงศ์ สังวรกิจ 2-204-4-0011, พัชรพงศ์ สังวรกิจ 2-204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Savitree N.
Savitree Nonsangiam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

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ALS Report No. 0009 (Page 3 of 4)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับปรับปรุง)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-2

Page 4 of 4

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : สี่แยกสนามกีฬา (Influence)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	1.60	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.300 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.300 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	1700000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	4900000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.1	0.5	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	5.70	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	No Velocity	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	1.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (D)	Rayong

Sampling By : สุรเวทย์ นารอง , พัชรพงศ์ สังวรกิจ

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

Technical Management

Savitree N.
Savitree Nonsangiam
Manager
โทรศัพท์มือถือ : 2-204-4-0007

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 2-204-4-0008

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ALS Report No. 0009 (Page 4 of 4)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์รวมการระดมทุน 2 (ฉบับปรับปรุง)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479381-3

Page 1 of 2

Sample Number : 25103084-1
Sample Date : Dec 17, 2025 9:54 AM
Sample Description : Wastewater
Location : สี่แยกสนามกีฬา (Influence)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOD)	Result	Method	Testing Location
Metals Testing						
Iron	mg/L	0.003	0.005	1.60	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.300 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.300 F	Bangkok
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	1700000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	4900000.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group						
Atrazine *	ug/L	0.1	0.5	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	5.70	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m3/s	-	-	No Velocity	Flow meter	Rayong
Fluoride as F *	mg/L	0.06	0.2	1.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 F (D)	Rayong

Sampling By : สุรเวทย์ นารอง , พัชรพงศ์ สังวรกิจ

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.

Approved by

Suzannee Chuankeaw
Suzannee Chuankeaw
Section Head

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14000-019 (ENGL)

ALS Report No. 0009 (Page 1 of 2)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-1

Page 2 of 2

Sampling is not included in scope of accreditation ISO/IEC 17025.

Approved by

Sutepa P.
Sutepa Pratsangsk
Scientist (2)
Section Head

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1404-101 (ENGL)

31/December_25_1404-101 (1/2/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-1

Page 1 of 2

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	71.4	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O ₅	Rayong
COO	mg/L	1.5	25	291	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMU	-	5	54	≤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)	ADMU	-	5	51	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	0.2	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (5)	Rayong
Phenol	mg/L	0.005	0.01	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Jitsupa P.
Jitsupa Pratsangsk
Scientist (2)
Section Head

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
Section Head

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1404-101 (ENGL)

31/December_25_1404-101 (1/2/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-1

Page 2 of 2

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - G (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.5	≤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	552	≤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	35.8	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (5)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	65	≤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 : สุวาท นารองย 3-323-0-0011, พัชรภรณ์ สว่างงาม 3-323-0-0002

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

Technical Management

Jitsupa P.
Jitsupa Pratsangsk
Scientist (2)
Section Head

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
Section Head

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1404-101 (ENGL)

31/December_25_1404-101 (1/2/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310
P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย 2 (บางนา) (บางนา)
Project Location : WWTP

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-2

Page 1 of 5

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงบำบัดน้ำเสีย (Effluent)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 3130 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.20	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	0.02	≤0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.03	≤2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 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 - G B	Bangkok
Lead	mg/L	0.0003	0.0005	0.004	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.16	≤5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3130 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

Technical Management

Sawatree N.
Sawatree Neeangam
Manager
Section Head

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
Section Head

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1404-101 (ENGL)

31/December_25_1404-101 (1/2/2025)



Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 2 of 5

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.03	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.003	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.13	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nossangam
Manager
โทรศัพท์ ๖-204-๖-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 3 of 5

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nossangam
Manager
โทรศัพท์ ๖-204-๖-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 4 of 5

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Decalin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Erdrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nossangam
Manager
โทรศัพท์ ๖-204-๖-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : WWTP

Page 5 of 5

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 18, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	-	3	20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

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

Sampling By : สุวรรณี นารอง วัฒนศิริ ๖-323-๔-0011, ปัทมาพร สังวรกิจวัฒนศิริ ๖-204-๖-0002

Remark:

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

Technical Management

Savitree N.
Savitree Nossangam
Manager
โทรศัพท์ ๖-204-๖-0007

Approved by

Kanokorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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ISO/IEC 17025



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาอุตสาหกรรม 2 (น้ำทิ้ง)
Project Location : WWTP

Page 1 of 2

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	1.36	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Fecal 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, E	Bangkok
Total Coliform	MPN/100mL	—	—	2400000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							
Atrazine *	ug/L	0.1	0.5	0.5	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	4.11	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5540 B, C	Bangkok
Flow rate *	m ³ /s	—	—	No Velocity	No Standard	Flow meter	Rayong

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Approved by

Suvannee Chamkeaw
Section Head

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3479382-3, 3479382-4 (0.0009)



Analysis / Test Report



TESTING
No.0009

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479382-3

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาอุตสาหกรรม 2 (น้ำทิ้ง)
Project Location : WWTP

Page 2 of 2

Sample Number : 25103084-2
Sampled Date : Dec 17, 2025 10:11 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Effluent)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F *	mg/L	0.06	0.2	1.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (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 : สุวรรณี ชามเคาว์ , Pattarapol Sawangstam

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

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Approved by

Suvannee Chamkeaw
Section Head

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14041019 DMSL

3479382-3, 3479382-4 (0.0009)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาอุตสาหกรรม 2 (น้ำทิ้ง)
Project Location : WWTP

Page 1 of 2

Sample Number : 25103084-3
Sampled Date : Dec 17, 2025 10:05 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Holding Pond)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	—	2.0	19.9	≤16	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	83	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 F	Rayong
Color (at Original pH)	ADME	—	5	14	≤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)	ADME	—	5	13	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.007	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C	—	—	—	9.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management

Jitsupa Pratsangsk
Scientist (2)
โทรศัพท์มือถือ 3-323-4-0004

Approved by

Dej Changchun
Senior Manager
โทรศัพท์มือถือ 3-323-4-0001

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3479383-1, 3479383-2 (0.0009)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาอุตสาหกรรม 2 (น้ำทิ้ง)
Project Location : WWTP

Page 2 of 2

Sample Number : 25103084-3
Sampled Date : Dec 17, 2025 10:05 AM
Sample Description : Wastewater
Location : โรงงานอุตสาหกรรมโรจนา (Holding Pond)
Date Analysis Commenced : Dec 17, 2025
Condition of Sample : Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	—	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-G (F)	Rayong
Sulfide *	mg/L	—	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	—	—	28.4	≤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	444	≤1000	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	3.4	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 4500 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	—	5	40	≤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, BOD and Total Dissolved Solids guideline set by Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of effluent discharging from central wastewater treatment plant.

Sampling By : สุวรรณี ชามเคาว์ โทรศัพท์มือถือ 3-323-4-0011 , Pattarapol Sawangstam โทรศัพท์มือถือ 3-323-4-0002

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa Pratsangsk
Scientist (2)
โทรศัพท์มือถือ 3-323-4-0004

Approved by

Dej Changchun
Senior Manager
โทรศัพท์มือถือ 3-323-4-0001

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14041019 DMSL

3479383-1, 3479383-2 (0.0009)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-2

Page 1 of 5

Sample Number 25103084-3
Sampled Date Dec 17, 2025 10:05 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced Dec 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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
Barium	mg/L	0.0003	0.0005	0.06	≤1.0	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	0.01	≤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-C B	Bangkok
Lead	mg/L	0.0003	0.0005	0.002	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.04	≤5.0	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

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ 204-4-0007

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-01 (04/25)

31/December_25_01 (01/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-2

Page 2 of 5

Sample Number 25103084-3
Sampled Date Dec 17, 2025 10:05 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced Dec 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	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	0.08	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ 204-4-0007

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-01 (04/25)

31/December_25_01 (01/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-2

Page 3 of 5

Sample Number 25103084-3
Sampled Date Dec 17, 2025 10:05 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced Dec 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDO *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ 204-4-0007

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-01 (04/25)

31/December_25_01 (01/2025)



Analysis / Test Report

TESTING
No.0009Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โครงการพัฒนาศูนย์บำบัดน้ำเสีย (น้ำทิ้ง)
Project Location : WWTPLot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-2

Page 4 of 5

Sample Number 25103084-3
Sampled Date Dec 17, 2025 10:05 AM
Sample Description Wastewater
Location โรงบำบัดน้ำเสีย (Holding Pond)
Date Analysis Commenced Dec 18, 2025
Condition of Sample Contained in two glass vials, three amber glass bottles and ten plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Savitree N.
Savitree Nongsang
Manager
โทรศัพท์ 204-4-0007

Approved by

Kankorn Anek
Assistant General Manager
โทรศัพท์ 204-4-0004

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14043-01 (04/25)

31/December_25_01 (01/2025)



TESTING
No.0009

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-2

Page 5 of 5

Analyte	Unit	LOD	LOQ (LOD)	Result	Guideline / Specification	Method	Testing Location
Pesticides – Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	ug/L	2	4	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Water Testing							
Oil & Grease *	mg/L	—	3	<3	No Standard	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Remark :

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

Savitree N.
Savitree Nonsangam
Manager
หมายเลขที่ 7-204-4-0007

Kanok Korn Anek
Assistant General Manager
โทรศัพท์ ๖-๒๐4-๖-๐๐๐4

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24004-5N/EPAG.



TESTING
No.0009

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-3

Page 2 of 2

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Fluoride as F ⁻	mg/L	0.06	0.2	0.7	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-F (2)	Rayong

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Suwannee Chuamkeaw
Section Head

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24206-50/00000



TESTING
No.0009

Lot ID: 25103084
Date Received : Dec 17, 2025
Date Reported : Dec 26, 2025
Report Number : 3479383-3

Page 1 of 2

Analyte	Unit	LOD	LOQ (LOE)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.33	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	-	-	700.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	1700.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Pesticides - Organochlorine Group							

Hexachlorobenzene ^a	ug/l	0.01	0.02
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Water Testing						
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.31	No Standard	Bangkok
Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 55-40, B, C						
Flow rate *	m ³ /s	-	-	No Velocity	No Standard	Rayong

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.


Sutawinee Chuanmikeaw
Section Head

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ภาคผนวก ค-6

ผลตรวจวัดคุณภาพน้ำทิ้งของโรงงาน



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553799
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323390-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานที่ 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553799-1
Sampled Date : Jul 01, 2025 1:33 PM
Sample Description : Wastewater
Location : บริเวณ ส้วมและถังบำบัดน้ำ
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	103	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	31.5	≤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	240	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มชูวณิชกุล >323-4-0019, Pattarapol Sawangjiam >204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Approved by

D. Chanchon

Jitsupa Pratsangsuk
Scientist (2)
หมายเลข >323-4-0004

Dej Chanchon
Senior Manager
หมายเลข >323-4-0001

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Analysis / Test Report

Lot ID: 2553799

Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323390-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานที่ 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553799-1
Sampled Date : Jul 01, 2025 1:33 PM
Sample Description : Wastewater
Location : บริเวณ ส้วมและถังบำบัดน้ำ
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มชูวณิชกุล >323-4-0019, Pattarapol Sawangjiam >204-4-0002

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

Technical Management

Summon C.

Approved by

Kanokorn A.

Summon Chamsangut
Scientist (3)
หมายเลข >204-4-0018

Kanokorn Anek
Assistant General Manager
หมายเลข >204-4-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553802
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323393-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานที่ 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553802-1
Sampled Date : Jul 01, 2025 1:45 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัดน้ำและถังเก็บน้ำ (ถังเก็บน้ำ) 4/10
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	23.9	≤500	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	65	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	31.5	≤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	168	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, 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 : วิษณุ คุ้มชูวณิชกุล >323-4-0019, Pattarapol Sawangjiam >204-4-0002

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S.

Approved by

D. Chanchon

Photchana Senda
Scientist (4)
หมายเลข >323-4-0028

Dej Chanchon
Senior Manager
หมายเลข >323-4-0001

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Analysis / Test Report

Lot ID: 2553802

Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323393-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรงงานที่ 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553802-1
Sampled Date : Jul 01, 2025 1:45 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัดน้ำและถังเก็บน้ำ (ถังเก็บน้ำ) 4/10
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มชูวณิชกุล >323-4-0019, Pattarapol Sawangjiam >204-4-0002

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

Technical Management

Summon C.

Approved by

Kanokorn A.

Summon Chamsangut
Scientist (3)
หมายเลข >204-4-0018

Kanokorn Anek
Assistant General Manager
หมายเลข >204-4-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553803
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323397-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number : 2553803-1
Sampled Date : Jul 01, 2025 2:03 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ แอโรบิก (โรงงาน) จ.ระยอง
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	273	≤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	620	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	32.2	≤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	208	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	264	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วิสณณ วัฒนศิริวัฒน์ >323-a-0019, Pattarapol Sawangjittam >204-a-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เบอร์โทร 09-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เบอร์โทร 09-323-a-0001

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3/19/2025, AL, 01, up 1 (3/19/2025)



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553803
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323397-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number : 2553803-1
Sampled Date : Jul 01, 2025 2:03 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ แอโรบิก (โรงงาน) จ.ระยอง
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	20	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิสณณ วัฒนศิริวัฒน์ >323-a-0019, Pattarapol Sawangjittam >204-a-0002

Remark :
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Technical Management

Suwimon C
Suwimon Chamsangut
Scientist (3)
เบอร์โทร 09-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เบอร์โทร 09-204-a-0004

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3/19/2025, AL, 01, up 1 (3/19/2025)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553804
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323400-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number : 2553804-1
Sampled Date : Jul 01, 2025 2:11 PM
Sample Description : Wastewater
Location : บริเวณ คลังขยะ โรง (โรงงาน) จ.ระยอง
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	99.2	≤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	233	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.7	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	-	-	32.3	≤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	344	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	36	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วิสณณ วัฒนศิริวัฒน์ >323-a-0019, Pattarapol Sawangjittam >204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เบอร์โทร 09-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เบอร์โทร 09-323-a-0001

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14024-019 (ENGL)

3/19/2025, AL, 01, up 1 (3/19/2025)



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553804
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323400-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number : 2553804-1
Sampled Date : Jul 01, 2025 2:11 PM
Sample Description : Wastewater
Location : บริเวณ คลังขยะ โรง (โรงงาน) จ.ระยอง
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิสณณ วัฒนศิริวัฒน์ >323-a-0019, Pattarapol Sawangjittam >204-a-0002

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

Technical Management

Suwimon C
Suwimon Chamsangut
Scientist (3)
เบอร์โทร 09-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เบอร์โทร 09-204-a-0004

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14024-019 (ENGL)

3/19/2025, AL, 01, up 1 (3/19/2025)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553805
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323401-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2553805-1
Sampled Date : Jul 03, 2025 2:00 PM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ หน้า โรงงาน
Date Analysis Commenced : Jul 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	68.6	≤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	189	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤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	428	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	101	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wanyoo Champallee โทร 02-323-40020, Patchanon Inpruk โทร 02-323-40094 - 0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทร 02-323-40028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทร 02-323-40001

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Analysis / Test Report

Lot ID: 2553805
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323401-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2553805-1
Sampled Date : Jul 03, 2025 2:00 PM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ หน้า โรงงาน
Date Analysis Commenced : Jul 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wanyoo Champallee โทร 02-323-40020, Patchanon Inpruk โทร 02-323-40094 - 0197

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

Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
โทร 02-323-40013

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
โทร 02-323-40004

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15/06/2025 (0042)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553806
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323406-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2553806-1
Sampled Date : Jul 01, 2025 3:36 PM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ หน้า โรงงาน
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	35.5	≤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	78	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.2	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	-	-	32.2	≤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	168	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	25	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wason Kruattit โทร 02-323-40019, Pattarapol Sawangjattam โทร 02-323-40019 - 0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
โทร 02-323-40028

Approved by

Dej Chanchon

Dej Chanchon
Senior Manager
โทร 02-323-40001

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Analysis / Test Report

Lot ID: 2553806
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323406-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2553806-1
Sampled Date : Jul 01, 2025 3:36 PM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ หน้า โรงงาน
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wason Kruattit โทร 02-323-40019, Pattarapol Sawangjattam โทร 02-323-40019 - 0002

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

Technical Management

Summon C

Summon Chamsangut
Scientist (3)
โทร 02-323-40018

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
โทร 02-323-40004

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15/06/2025 (0042)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553807
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323408-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (น้ำทิ้ง)
Project Location : Factory

Page 1 of 1

Sample Number : 2553807-1
Sampled Date : Jul 03, 2025 1:50 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัด (ถังน้ำทิ้ง) 4/10
Date Analysis Commenced : Jul 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, 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, 24th ed., 2023, part 5220 D	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	-	-	30.5	≤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	66	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wanayoo Champheue วัฒนธนาพร > 323-4-0020, Patchanon Ingrak วัฒนธนาพร > 204-4-0197

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธนาพร > 323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธนาพร > 323-4-0001

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Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553807
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323408-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (น้ำทิ้ง)
Project Location : Factory

Page 1 of 1

Sample Number : 2553807-1
Sampled Date : Jul 03, 2025 1:50 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัด (ถังน้ำทิ้ง) 4/10
Date Analysis Commenced : Jul 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wanayoo Champheue วัฒนธนาพร > 323-4-0020, Patchanon Ingrak วัฒนธนาพร > 204-4-0197

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

Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
วัฒนธนาพร > 204-4-0013

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธนาพร > 204-4-0004

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3/2566(01)_AL_01_01 (1/3/2026)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553808
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323410-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (น้ำทิ้ง)
Project Location : Factory

Page 1 of 1

Sample Number : 2553808-1
Sampled Date : Jul 01, 2025 3:15 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัด (ถังน้ำทิ้ง) 4/10 (อาคาร 1)
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	132	≤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	331	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.2	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	-	-	31.8	≤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	416	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	54	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wasiin Kruanti วัฒนธนาพร > 323-4-0019, Pattarapol Sawangjattam วัฒนธนาพร > 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธนาพร > 323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธนาพร > 323-4-0001

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3/2566(01)_AL_01_01 (1/3/2026)



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553808
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323410-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (น้ำทิ้ง)
Project Location : Factory

Page 1 of 1

Sample Number : 2553808-1
Sampled Date : Jul 01, 2025 3:15 PM
Sample Description : Wastewater
Location : บริเวณ ถังบำบัด (ถังน้ำทิ้ง) 4/10 (อาคาร 1)
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wasiin Kruanti วัฒนธนาพร > 323-4-0019, Pattarapol Sawangjattam วัฒนธนาพร > 204-4-0002

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

Technical Management

Summon C
Summon Chamsangut
Scientist (3)
วัฒนธนาพร > 204-4-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธนาพร > 204-4-0004

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3/2566(01)_AL_01_01 (1/3/2026)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553809
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323420-1P/O :
Project Name : โรงงานผลิตอาหารสัตว์รายใหญ่ 2 (ภาคเหนือ)
Project Location : Factory

Page 1 of 1

Sample Number 2553809-1
Sampled Date Jul 03, 2025 1:40 PM
Sample Description Wastewater
Location บริเวณ โรงงาน ผลิตอาหารสัตว์ (บริเวณน้ำทิ้ง)
Date Analysis Commenced Jul 03, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, 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, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	31.1	≤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	218	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	31	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wanyoo Champhale วัฒนธนาพร >323-4-0020, Patchanon Ingrak วัฒนธนาพร >204-4-0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนาพร >323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนาพร >323-4-0001

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ALS (Rayong)_AL_01_01 (10/2024)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553809
Date Received : Jul 03, 2025
Date Reported : Jul 11, 2025
Report Number : 3323420-2P/O :
Project Name : โรงงานผลิตอาหารสัตว์รายใหญ่ 2 (ภาคเหนือ)
Project Location : Factory

Page 1 of 1

Sample Number 2553809-1
Sampled Date Jul 03, 2025 1:40 PM
Sample Description Wastewater
Location บริเวณ โรงงาน ผลิตอาหารสัตว์ (บริเวณน้ำทิ้ง)
Date Analysis Commenced Jul 04, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wanyoo Champhale วัฒนธนาพร >323-4-0020, Patchanon Ingrak วัฒนธนาพร >204-4-0197

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

Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
วัฒนธนาพร >204-4-0013

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
วัฒนธนาพร >204-4-0004

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ALS (Bangkok)_AL_01_01 (10/2024)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553810
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323422-1P/O :
Project Name : โรงงานผลิตอาหารสัตว์รายใหญ่ 2 (ภาคเหนือ)
Project Location : Factory

Page 1 of 1

Sample Number 2553810-1
Sampled Date Jul 01, 2025 2:37 PM
Sample Description Wastewater
Location บริเวณ โรงงาน ผลิตอาหารสัตว์ (บริเวณน้ำทิ้ง)
Date Analysis Commenced Jul 01, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	391	≤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	560	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	31.2	≤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	508	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	103	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wason Kruatt วัฒนธนาพร >323-4-0019, Pattarapol Sawangjiam วัฒนธนาพร >204-4-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนาพร >323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนาพร >323-4-0001

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2553810
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323422-2P/O :
Project Name : โรงงานผลิตอาหารสัตว์รายใหญ่ 2 (ภาคเหนือ)
Project Location : Factory

Page 1 of 1

Sample Number 2553810-1
Sampled Date Jul 01, 2025 2:37 PM
Sample Description Wastewater
Location บริเวณ โรงงาน ผลิตอาหารสัตว์ (บริเวณน้ำทิ้ง)
Date Analysis Commenced Jul 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wason Kruatt วัฒนธนาพร >323-4-0019, Pattarapol Sawangjiam วัฒนธนาพร >204-4-0002

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

Technical Management

Summon C

Summon Chamsangut
Scientist (3)
วัฒนธนาพร >204-4-0018

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
วัฒนธนาพร >204-4-0004

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ALS (Bangkok)_AL_01_01 (10/2024)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553812
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323392-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553812-1
Sampled Date : Jul 01, 2025 1:52 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ use (โรงงาน) 47km
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	71.7	≤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	274	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	30.8	≤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	220	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	104	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wasan Kruat วัฒนธรรพ์ >323-a-0019, Pattarapol Sawangjiam วัฒนธรรพ์ >204-a-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธรรพ์ >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธรรพ์ >323-a-0001

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Analysis / Test Report

Lot ID: 2553812
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3323392-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553812-1
Sampled Date : Jul 01, 2025 1:52 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ use (โรงงาน) 47km
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wasan Kruat วัฒนธรรพ์ >323-a-0019, Pattarapol Sawangjiam วัฒนธรรพ์ >204-a-0002

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

Technical Management

Suwimon C
Suwimon Chamsangut
Scientist (3)
วัฒนธรรพ์ >204-a-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธรรพ์ >204-a-0004

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3/366661_ALS_01_01 (1/1/2016)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553827
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3324306-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553827-1
Sampled Date : Jul 01, 2025 3:00 PM
Sample Description : Wastewater
Location : บริเวณ บริเวณ ถังน้ำ use (โรงงาน) 47km
Date Analysis Commenced : Jul 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	61.4	≤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	269	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	31.3	≤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	856	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	34	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wasan Kruat วัฒนธรรพ์ >323-a-0019, Pattarapol Sawangjiam วัฒนธรรพ์ >204-a-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธรรพ์ >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธรรพ์ >323-a-0001

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3/366661_ALS_01_01 (1/1/2016)



Analysis / Test Report

Lot ID: 2553827
Date Received : Jul 01, 2025
Date Reported : Jul 08, 2025
Report Number : 3324306-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number : 2553827-1
Sampled Date : Jul 01, 2025 3:00 PM
Sample Description : Wastewater
Location : บริเวณ บริเวณ ถังน้ำ use (โรงงาน) 47km
Date Analysis Commenced : Jul 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	6	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wasan Kruat วัฒนธรรพ์ >323-a-0019, Pattarapol Sawangjiam วัฒนธรรพ์ >204-a-0002

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

Technical Management

Suwimon C
Suwimon Chamsangut
Scientist (3)
วัฒนธรรพ์ >204-a-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธรรพ์ >204-a-0004

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3/366661_ALS_01_01 (1/1/2016)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553828
Date Received : Jul 18, 2025
Date Reported : Jul 25, 2025
Report Number : 3324307-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2553828-1
Sampled Date : Jul 18, 2025 10:21 AM
Sample Description : Wastewater
Location : บริเวณ อ่างเก็บน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Jul 18, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	108	≤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	396	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	31.5	≤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	936	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	84	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : National Accreditation Commission เลขที่ 323-4-0006, Pattarapol Sawangjatan เลขที่ 204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa Pratsangkul
Scientist (2)
เลขที่ 323-4-0004

Approved by

Dej Chanchon
Senior Manager
เลขที่ 323-4-0001

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Analysis / Test Report

Lot ID: 2553828

Date Received : Jul 18, 2025
Date Reported : Jul 25, 2025
Report Number : 3324307-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2553828-1
Sampled Date : Jul 18, 2025 10:21 AM
Sample Description : Wastewater
Location : บริเวณ อ่างเก็บน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	29	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : National Accreditation Commission เลขที่ 323-4-0006, Pattarapol Sawangjatan เลขที่ 204-4-0002

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

Technical Management

Suwimon Chamsangut
Scientist (3)
เลขที่ 204-4-0018

Approved by

Kanokorn Anek
Assistant General Manager
เลขที่ 204-4-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2553829
Date Received : Jul 18, 2025
Date Reported : Jul 25, 2025
Report Number : 3323426-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2553829-1
Sampled Date : Jul 18, 2025 10:33 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Jul 18, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	62.9	≤500	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	191	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	30.2	≤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	352	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	66	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : National Accreditation Commission เลขที่ 323-4-0006, Pattarapol Sawangjatan เลขที่ 204-4-0002

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa Pratsangkul
Scientist (2)
เลขที่ 323-4-0004

Approved by

Dej Chanchon
Senior Manager
เลขที่ 323-4-0001

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Analysis / Test Report

Lot ID: 2553829

Date Received : Jul 18, 2025
Date Reported : Jul 25, 2025
Report Number : 3323426-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2553829-1
Sampled Date : Jul 18, 2025 10:33 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Jul 21, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : National Accreditation Commission เลขที่ 323-4-0006, Pattarapol Sawangjatan เลขที่ 204-4-0002

Remark :
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Technical Management

Suwimon Chamsangut
Scientist (3)
เลขที่ 204-4-0018

Approved by

Kanokorn Anek
Assistant General Manager
เลขที่ 204-4-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564637
Date Received : Aug 01, 2025
Date Reported : Aug 08, 2025
Report Number : 3356887-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2564637-1						
Sampled Date	Aug 01, 2025 4:00 PM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (โรงงาน) จ.ฉะเชิงเทรา						
Date Analysis Commenced	Aug 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	69.5	≤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	236	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	32.2	≤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	288	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	48	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มศรี (วิษณุ) > 323-a-0019, Pattarapol Sawangjiam (วิษณุ) > 204-a-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข > 323-a-0028

Approved by

D. Chanchon

Dr. Chanchon
Senior Manager
หมายเลข > 323-a-0001

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14024-01 (ENG)

3/16/2025, AE, 01, 01 (4/20/25)



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564637
Date Received : Aug 01, 2025
Date Reported : Aug 07, 2025
Report Number : 3356887-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2564637-1						
Sampled Date	Aug 01, 2025 4:00 PM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (โรงงาน) จ.ฉะเชิงเทรา						
Date Analysis Commenced	Aug 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มศรี (วิษณุ) > 323-a-0019, Pattarapol Sawangjiam (วิษณุ) > 204-a-0002

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Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
หมายเลข > 204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
หมายเลข > 204-a-0004

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14024-01 (ENG)

3/16/2025, AE, 01, 01 (4/20/25)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564638
Date Received : Aug 01, 2025
Date Reported : Aug 08, 2025
Report Number : 3356890-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2564638-1						
Sampled Date	Aug 01, 2025 3:40 PM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (โรงงาน) จ.ฉะเชิงเทรา						
Date Analysis Commenced	Aug 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	70.9	≤500	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	179	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	32.3	≤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	364	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มศรี (วิษณุ) > 323-a-0019, Pattarapol Sawangjiam (วิษณุ) > 204-a-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข > 323-a-0028

Approved by

D. Chanchon

Dr. Chanchon
Senior Manager
หมายเลข > 323-a-0001

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14024-01 (ENG)

3/16/2025, AE, 01, 01 (4/20/25)



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564638
Date Received : Aug 01, 2025
Date Reported : Aug 07, 2025
Report Number : 3356890-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2564638-1						
Sampled Date	Aug 01, 2025 3:40 PM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (โรงงาน) จ.ฉะเชิงเทรา						
Date Analysis Commenced	Aug 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มศรี (วิษณุ) > 323-a-0019, Pattarapol Sawangjiam (วิษณุ) > 204-a-0002

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

Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
หมายเลข > 204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
หมายเลข > 204-a-0004

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14024-01 (ENG)

3/16/2025, AE, 01, 01 (4/20/25)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2564639
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356892-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : FactorySample Number : 2564639-1
Sampled Date : Aug 04, 2025 11:19 AM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ พื้นที่ 3
Date Analysis Commenced : Aug 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	80.2	≤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	268	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.2	≤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	472	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	129	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Sarawat Narongchai 323-0-0011, Pattarapol Sawangjittam 204-0-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข 323-0-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
หมายเลข 323-0-0001

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Life Sciences

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17025/01/2024



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2564639
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356892-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : FactorySample Number : 2564639-1
Sampled Date : Aug 04, 2025 11:19 AM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ พื้นที่ 3
Date Analysis Commenced : Aug 05, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Sarawat Narongchai 323-0-0011, Pattarapol Sawangjittam 204-0-0002

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

Technical Management

Suwimon C

Suwimon Chamsangwut
Scientist (3)
หมายเลข 204-0-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
หมายเลข 204-0-0004

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17025/01/2024



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2564640
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356895-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : FactorySample Number : 2564640-1
Sampled Date : Aug 04, 2025 11:27 AM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ พื้นที่ 3
Date Analysis Commenced : Aug 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	19.4	≤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	58	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.3	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	-	-	32.0	≤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	176	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, 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 : Sarawat Narongchai 323-0-0011, Pattarapol Sawangjittam 204-0-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข 323-0-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
หมายเลข 323-0-0001

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Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2564640
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356895-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางพลี)
Project Location : FactorySample Number : 2564640-1
Sampled Date : Aug 04, 2025 11:27 AM
Sample Description : Wastewater
Location : บริเวณ แหล่งน้ำ พื้นที่ 3
Date Analysis Commenced : Aug 05, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Sarawat Narongchai 323-0-0011, Pattarapol Sawangjittam 204-0-0002

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

Technical Management

Suwimon C

Suwimon Chamsangwut
Scientist (3)
หมายเลข 204-0-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
หมายเลข 204-0-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564641
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356899-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number	2564641-1						
Sampled Date	Aug 04, 2025 11:06 AM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (ถังเก็บน้ำ) ชั้น 1						
Date Analysis Commenced	Aug 04, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, 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, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	31.1	≤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	142	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 102-105 degree C	mg/L	-	5	8	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Sarawat Narongpradit 323-a-0011, Pattarapong Sawangjittam 204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
หมายเลข 323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลข 323-a-0001

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Analysis / Test Report

Lot ID: 2564641
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356899-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number	2564641-1						
Sampled Date	Aug 04, 2025 11:06 AM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (ถังเก็บน้ำ) ชั้น 1						
Date Analysis Commenced	Aug 05, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Sarawat Narongpradit 323-a-0011, Pattarapong Sawangjittam 204-a-0002

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

Technical Management

Summon C
Summon Chamsangwat
Scientist (3)
หมายเลข 204-a-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
หมายเลข 204-a-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2564642
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356901-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number	2564642-1						
Sampled Date	Aug 04, 2025 10:59 AM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (ถังเก็บน้ำ) ชั้น 1 (อาคาร 1)						
Date Analysis Commenced	Aug 04, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	65.8	≤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	175	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.6	≤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	356	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 102-105 degree C	mg/L	-	5	31	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Sarawat Narongpradit 323-a-0011, Pattarapong Sawangjittam 204-a-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
หมายเลข 323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลข 323-a-0001

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Analysis / Test Report

Lot ID: 2564642
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356901-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา)
Project Location : Factory

Page 1 of 1

Sample Number	2564642-1						
Sampled Date	Aug 04, 2025 10:59 AM						
Sample Description	Wastewater						
Location	บริเวณ คลังน้ำดิบ (ถังเก็บน้ำ) ชั้น 1 (อาคาร 1)						
Date Analysis Commenced	Aug 05, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Sarawat Narongpradit 323-a-0011, Pattarapong Sawangjittam 204-a-0002

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

Technical Management

Summon C
Summon Chamsangwat
Scientist (3)
หมายเลข 204-a-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
หมายเลข 204-a-0004

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3/30mm, AL, 0.1µm (1.00000)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565866
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356913-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2565866-1
Sampled Date : Aug 04, 2025 10:44 AM
Sample Description : Wastewater
Location : บริเวณ อ่างเก็บน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Aug 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	74.2	≤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	263	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.4	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	-	-	32.1	≤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	1608	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	27	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sarawat Narongchai 323-a-0011, Pattarapol Sawangjiam 204-a-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข 323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
หมายเลข 323-a-0001

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3356913-1 (03/08/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565866
Date Received : Aug 04, 2025
Date Reported : Aug 11, 2025
Report Number : 3356913-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2565866-1
Sampled Date : Aug 04, 2025 10:44 AM
Sample Description : Wastewater
Location : บริเวณ อ่างเก็บน้ำ (หนองน้ำ) 4/16
Date Analysis Commenced : Aug 05, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	14	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Sarawat Narongchai 323-a-0011, Pattarapol Sawangjiam 204-a-0002

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

Technical Management

Sawimon C

Sawimon Chuanwongut
Scientist (3)
หมายเลข 204-a-0018

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
หมายเลข 204-a-0004

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3356913-2 (03/08/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565868
Date Received : Aug 01, 2025
Date Reported : Aug 08, 2025
Report Number : 3356922-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2565868-1
Sampled Date : Aug 01, 2025 3:10 PM
Sample Description : Wastewater
Location : บริเวณ โรงโม่ (โม่ปูน) 4/16
Date Analysis Commenced : Aug 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	95.9	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	314	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.7	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	-	-	31.2	≤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	424	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	102	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Wisorn Kinnut 323-a-0019, Pattarapol Sawangjiam 204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
หมายเลข 323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
หมายเลข 323-a-0001

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3356922-1 (03/08/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565868
Date Received : Aug 01, 2025
Date Reported : Aug 07, 2025
Report Number : 3356922-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2565868-1
Sampled Date : Aug 01, 2025 3:10 PM
Sample Description : Wastewater
Location : บริเวณ โรงโม่ (โม่ปูน) 4/16
Date Analysis Commenced : Aug 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	14	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wisorn Kinnut 323-a-0019, Pattarapol Sawangjiam 204-a-0002

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

Technical Management

Sawimon C

Sawimon Chuanwongut
Scientist (3)
หมายเลข 204-a-0018

Approved by

Kanklom Anek

Kanklom Anek
Assistant General Manager
หมายเลข 204-a-0004

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3356922-2 (03/08/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565867
Date Received : Aug 18, 2025
Date Reported : Aug 25, 2025
Report Number : 3356918-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number	2565867-1						
Sampled Date	Aug 18, 2025 11:20 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำ (โรงงาน) 4/16						
Date Analysis Commenced	Aug 18, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	151	≤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	255	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	30.8	≤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	548	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	41	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Samson Khuykousa วัฒนสุวนนท์ > 323-a-0005 , Thanasson Namakunna วัฒนสุวนนท์ > 204-a-0101

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
วัฒนสุวนนท์ > 323-a-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนสุวนนท์ > 323-a-0001

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Analysis / Test Report

Lot ID: 2565867

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Aug 18, 2025
Date Reported : Aug 25, 2025
Report Number : 3356918-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number	2565867-1						
Sampled Date	Aug 18, 2025 11:20 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำ (โรงงาน) 4/16						
Date Analysis Commenced	Aug 19, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	14	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Samson Khuykousa วัฒนสุวนนท์ > 323-a-0005 , Thanasson Namakunna วัฒนสุวนนท์ > 204-a-0101

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

Technical Management

Suvimon C.

Suvimon Chamsangvat
Scientist (3)
วัฒนสุวนนท์ > 204-a-0018

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
วัฒนสุวนนท์ > 204-a-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2565869
Date Received : Aug 18, 2025
Date Reported : Aug 25, 2025
Report Number : 3356927-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number	2565869-1						
Sampled Date	Aug 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ (โรงงาน) 4/16						
Date Analysis Commenced	Aug 18, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	215	≤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	385	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	29.8	≤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	980	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	38	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Samson Khuykousa วัฒนสุวนนท์ > 323-a-0005 , Thanasson Namakunna วัฒนสุวนนท์ > 204-a-0101

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
วัฒนสุวนนท์ > 323-a-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนสุวนนท์ > 323-a-0001

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Analysis / Test Report

Lot ID: 2565869

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Aug 18, 2025
Date Reported : Aug 25, 2025
Report Number : 3356927-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number	2565869-1						
Sampled Date	Aug 18, 2025 11:05 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ (โรงงาน) 4/16						
Date Analysis Commenced	Aug 19, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Samson Khuykousa วัฒนสุวนนท์ > 323-a-0005 , Thanasson Namakunna วัฒนสุวนนท์ > 204-a-0101

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

Technical Management

Suvimon C.

Suvimon Chamsangvat
Scientist (3)
วัฒนสุวนนท์ > 204-a-0018

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
วัฒนสุวนนท์ > 204-a-0004

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1/1000001_01_01_01 (04/2016)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579408
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388831-1

P/O :
Project Name : โรงงานผลิตพลาสติกบรรจุภัณฑ์ 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number	2579408-1						
Sampled Date	Sep 01, 2025 10:25 AM						
Sample Description	Wastewater						
Location	บริเวณ ถังบำบัดน้ำเสีย 4-701						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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, 24th ed., 2023, 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, 24th ed., 2023, part 5220 D	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	-	-	32.2	≤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	140	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, 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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เบอร์โทรศัพท์ >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เบอร์โทรศัพท์ >323-a-0001

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17025/01/2016



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579408
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388831-2

P/O :
Project Name : โรงงานผลิตพลาสติกบรรจุภัณฑ์ 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number	2579408-1						
Sampled Date	Sep 01, 2025 10:25 AM						
Sample Description	Wastewater						
Location	บริเวณ ถังบำบัดน้ำเสีย (ถังแยกไขมัน)						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

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

Technical Management

Nant Somb
Nanthawadee Somboon
Specialist 2
เบอร์โทรศัพท์ >204-a-0010

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เบอร์โทรศัพท์ >204-a-0004

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17025/01/2016



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579410
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388832-1

P/O :
Project Name : โรงงานผลิตพลาสติกบรรจุภัณฑ์ 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Page 1 of 2

Sample Number	2579410-1						
Sampled Date	Sep 01, 2025 10:43 AM						
Sample Description	Wastewater						
Location	บริเวณ ถังบำบัดน้ำเสีย (ถังแยกไขมัน) ชั้นใต้						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	86.2	≤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	194	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.8	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	-	-	31.9	≤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	428	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	31	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เบอร์โทรศัพท์ >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เบอร์โทรศัพท์ >323-a-0001

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17025/01/2016



Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579410
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388832-2

P/O :
Project Name : โรงงานผลิตพลาสติกบรรจุภัณฑ์ 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Page 1 of 3							
Sample Number	2579410-1						
Sampled Date	Sep 01, 2025 10:43 AM						
Sample Description	Wastewater						
Location	สถานี ขยายเขต คลองหลวง (ประเวศบุรี) จังหวัด						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

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

Technical Management

Nant Somb
Nanthawadee Somboon
Specialist 2
เบอร์โทรศัพท์ >204-a-0010

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เบอร์โทรศัพท์ >204-a-0004

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17025/01/2016



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579413
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388848-1

P/O :
Project Name : โรงงานผลิตพลาสติกชนิดแข็ง 2 (บ้านกรวด)
Project Location : Factory

Page 1 of 1

Sample Number	2579413-1						
Sampled Date	Sep 01, 2025 2:10 PM						
Sample Description	Wastewater						
Location	บริเวณ โรงงานผลิตพลาสติก						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	103	≤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	233	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	34.4	≤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	444	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	101	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Wasan Kruat วัฒนธรรพ์ 323-4-0019, Pattarapol Sawangjiam วัฒนธรรพ์ 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธรรพ์ 323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธรรพ์ 323-4-0001

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Analysis / Test Report

Lot ID: 2579413

Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388848-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานผลิตพลาสติกชนิดแข็ง 2 (บ้านกรวด)
Project Location : Factory

Page 1 of 1

Sample Number	2579413-1						
Sampled Date	Sep 01, 2025 2:10 PM						
Sample Description	Wastewater						
Location	บริเวณ โรงงานผลิตพลาสติก						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wasan Kruat วัฒนธรรพ์ 323-4-0019, Pattarapol Sawangjiam วัฒนธรรพ์ 204-4-0002

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

Technical Management

Suvimon C

Suvimon Chamsangwut
Scientist (3)
วัฒนธรรพ์ 204-4-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
วัฒนธรรพ์ 204-4-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579414
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388854-1

P/O :
Project Name : โรงงานผลิตพลาสติกชนิดแข็ง 2 (บ้านกรวด)
Project Location : Factory

Page 1 of 1

Sample Number	2579414-1						
Sampled Date	Sep 01, 2025 2:17 PM						
Sample Description	Wastewater						
Location	บริเวณ โรงงานผลิตพลาสติก						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	88.1	≤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	216	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.4	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	-	-	32.8	≤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	256	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, 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 : Wasan Kruat วัฒนธรรพ์ 323-4-0019, Pattarapol Sawangjiam วัฒนธรรพ์ 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธรรพ์ 323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธรรพ์ 323-4-0001

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Analysis / Test Report

Lot ID: 2579414

Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388854-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานผลิตพลาสติกชนิดแข็ง 2 (บ้านกรวด)
Project Location : Factory

Page 1 of 1

Sample Number	2579414-1						
Sampled Date	Sep 01, 2025 2:17 PM						
Sample Description	Wastewater						
Location	บริเวณ โรงงานผลิตพลาสติก						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wasan Kruat วัฒนธรรพ์ 323-4-0019, Pattarapol Sawangjiam วัฒนธรรพ์ 204-4-0002

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

Technical Management

Suvimon C

Suvimon Chamsangwut
Scientist (3)
วัฒนธรรพ์ 204-4-0018

Approved by

Kanklorn Anek

Kanklorn Anek
Assistant General Manager
วัฒนธรรพ์ 204-4-0004

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17025/01/2025



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579415
Date Received : Sep 03, 2025
Date Reported : Sep 10, 2025
Report Number : 3388851-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579415-1						
Sampled Date	Sep 03, 2025 3:15 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำดิบ (ถังเก็บน้ำ) 4 รัน						
Date Analysis Commenced	Sep 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	17.3	≤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	66	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.4	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	-	-	30.9	≤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	244	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	18	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wason Kruat วัฒนธนากร >323-a-0019, Akkain Budsakree วัฒนธนากร >204-a-0196

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนากร >323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนากร >323-a-0001

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Analysis / Test Report

Lot ID: 2579415

Date Received : Sep 03, 2025
Date Reported : Sep 10, 2025
Report Number : 3388851-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579415-1						
Sampled Date	Sep 03, 2025 3:15 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำดิบ (ถังเก็บน้ำ) 4 รัน						
Date Analysis Commenced	Sep 04, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wason Kruat วัฒนธนากร >323-a-0019, Akkain Budsakree วัฒนธนากร >204-a-0196

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

Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
วัฒนธนากร >204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธนากร >204-a-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579416
Date Received : Sep 01, 2025
Date Reported : Sep 18, 2025
Report Number : 3388852-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579416-1						
Sampled Date	Sep 01, 2025 1:56 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำดิบ (ถังเก็บน้ำ) 4 รัน (อาคารที่ 1)						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	146	≤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	324	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	31.9	≤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	412	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	64	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : Wason Kruat วัฒนธนากร >323-a-0019, Pattarapol Sawangjattam วัฒนธนากร >204-a-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนากร >323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนากร >323-a-0001

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Analysis / Test Report

Lot ID: 2579416

Date Received : Sep 01, 2025
Date Reported : Sep 18, 2025
Report Number : 3388852-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579416-1						
Sampled Date	Sep 01, 2025 1:56 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำดิบ (ถังเก็บน้ำ) 4 รัน (อาคารที่ 1)						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : Wason Kruat วัฒนธนากร >323-a-0019, Pattarapol Sawangjattam วัฒนธนากร >204-a-0002

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

Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
วัฒนธนากร >204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธนากร >204-a-0004

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1/1000001/ALS (L) (up 1.4.2019)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579417
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388853-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579417-1						
Sampled Date	Sep 01, 2025 11:15 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ ขวดน้ำ และ (ถังบำบัดน้ำ) 4/10						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	154	≤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	377	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.2	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	-	-	34.1	≤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	572	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	72	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วสัน คุนรูต วัฒนธนากร >323-a-0019, Pattarapol Sawangjiam วัฒนธนากร >204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนากร >323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนากร >323-a-0001

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14024-01/2024

17/09/2025, AL, 01, up 1 (4/2025)



Analysis / Test Report

Lot ID: 2579417
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388853-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579417-1						
Sampled Date	Sep 01, 2025 11:15 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ ขวดน้ำ และ (ถังบำบัดน้ำ) 4/10						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วสัน คุนรูต วัฒนธนากร >323-a-0019, Pattarapol Sawangjiam วัฒนธนากร >204-a-0002

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

Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
วัฒนธนากร >204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธนากร >204-a-0004

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17/09/2025, AL, 01, up 1 (4/2025)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579418
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388854-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579418-1						
Sampled Date	Sep 01, 2025 1:43 PM						
Sample Description	Wastewater						
Location	บริเวณ แผนก แกล้งน้ำ 4/10						
Date Analysis Commenced	Sep 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	380	≤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	637	≤750	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.2	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	-	-	32.5	≤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	544	≤3000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	138	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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 : วสัน คุนรูต วัฒนธนากร >323-a-0019, Pattarapol Sawangjiam วัฒนธนากร >204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
วัฒนธนากร >323-a-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
วัฒนธนากร >323-a-0001

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Analysis / Test Report

Lot ID: 2579418
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388854-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	2579418-1						
Sampled Date	Sep 01, 2025 1:43 PM						
Sample Description	Wastewater						
Location	บริเวณ แผนก แกล้งน้ำ 4/10						
Date Analysis Commenced	Sep 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	12	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วสัน คุนรูต วัฒนธนากร >323-a-0019, Pattarapol Sawangjiam วัฒนธนากร >204-a-0002

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

Technical Management

Summon C

Summon Chamsangwut
Scientist (3)
วัฒนธนากร >204-a-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธนากร >204-a-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579420
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388855-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number : 2579420-1
Sampled Date : Sep 01, 2025 11:24 AM
Sample Description : Wastewater
Location : บริเวณ บ่อเก็บน้ำ (โหม่งน้ำ) ฝั่ง
Date Analysis Commenced : Sep 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	168	≤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	504	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	32.0	≤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	1112	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	42	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
หมายเลข >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลข >323-a-0001

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1/10/2025, AL, 01, 01 (4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579420
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388855-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number : 2579420-1
Sampled Date : Sep 01, 2025 11:24 AM
Sample Description : Wastewater
Location : บริเวณ บ่อเก็บน้ำ (โหม่งน้ำ) ฝั่ง
Date Analysis Commenced : Sep 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

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

Technical Management

Suwimon C
Suwimon Chamsangwut
Scientist (3)
หมายเลข >204-a-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
หมายเลข >204-a-0004

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1/10/2025, AL, 01, 01 (4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579422
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388857-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number : 2579422-1
Sampled Date : Sep 01, 2025 10:32 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (โหม่งน้ำ) ฝั่ง
Date Analysis Commenced : Sep 01, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	126	≤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	340	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	31.0	≤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	472	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	128	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
หมายเลข >323-a-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
หมายเลข >323-a-0001

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1/10/2025, AL, 01, 01 (4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Balthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579422
Date Received : Sep 01, 2025
Date Reported : Sep 08, 2025
Report Number : 3388857-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บ้านใหม่)
Project Location : Factory

Page 1 of 1

Sample Number : 2579422-1
Sampled Date : Sep 01, 2025 10:32 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (โหม่งน้ำ) ฝั่ง
Date Analysis Commenced : Sep 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	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 : วิษณุ คุ้มทรัพย์ >323-a-0019, Pattarapol Sawangjiam >204-a-0002

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

Technical Management

Naren Saming
Naren Saming
Supervisor
หมายเลข >204-a-0009

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
หมายเลข >204-a-0004

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1/10/2025, AL, 01, 01 (4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2579423
Date Received : Sep 19, 2025
Date Reported : Sep 30, 2025
Report Number : 338858-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number : 2579423-1
Sampled Date : Sep 19, 2025 9:15 AM
Sample Description : Wastewater
Location : บริเวณ ระบายน้ำ (โรงงาน) 47/1
Date Analysis Commenced : Sep 19, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	68.8	≤350	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	204	≤25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.7	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	-	-	28.5	≤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	1390	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	25	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Chainorn Lerthanakunchai วัฒนธนากรชัย >323-4-0041, Pattarapol Sawangjittam วัฒนธนากรชัย >204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธนากรชัย >323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธนากรชัย >323-4-0001

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14034-03 (09/24)

151900001_AL_04-04 (11-2024)



Analysis / Test Report

Lot ID: 2579423

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Sep 19, 2025
Date Reported : Sep 29, 2025
Report Number : 338858-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number : 2579423-1
Sampled Date : Sep 19, 2025 9:15 AM
Sample Description : Wastewater
Location : บริเวณ ระบายน้ำ (โรงงาน) 47/1
Date Analysis Commenced : Sep 20, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.
Sampling By : Chainorn Lerthanakunchai วัฒนธนากรชัย >323-4-0041, Pattarapol Sawangjittam วัฒนธนากรชัย >204-4-0002

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

Technical Management

Suwimon C
Suwimon Chuanwatt
Scientist (3)
วัฒนธนากรชัย >204-4-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธนากรชัย >204-4-0004

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RIGHT SOLUTIONS RIGHT PARTNER

14034-03 (09/24)

151900001_AL_04-04 (11-2024)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2588291
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410534-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number : 2588291-1
Sampled Date : Oct 02, 2025 10:27 AM
Sample Description : Wastewater
Location : บริเวณ ระบายน้ำ (โรงงาน) 47/1
Date Analysis Commenced : Oct 02, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	23.5	≤350	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	≤25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	31.6	≤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	240	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasorn Kiatwatt วัฒนธนากรชัย >323-4-0019, Patchanon Inpruk วัฒนธนากรชัย >204-4-0197

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
วัฒนธนากรชัย >323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนธนากรชัย >323-4-0001

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14034-03 (09/24)

151900001_AL_04-04 (11-2024)



Analysis / Test Report

Lot ID: 2588291

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410534-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number : 2588291-1
Sampled Date : Oct 02, 2025 10:27 AM
Sample Description : Wastewater
Location : บริเวณ ระบายน้ำ (โรงงาน) 47/1
Date Analysis Commenced : Oct 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.
Sampling By : Wasorn Kiatwatt วัฒนธนากรชัย >323-4-0019, Patchanon Inpruk วัฒนธนากรชัย >204-4-0197

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

Technical Management

Narin Saming
Narin Saming
Supervisor
วัฒนธนากรชัย >204-4-0009

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
วัฒนธนากรชัย >204-4-0004

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14034-03 (09/24)

151900001_AL_04-04 (11-2024)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2588292
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410535-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2588292-1						
Sampled Date	Oct 02, 2025 10:52 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำเสีย (บ่อรวบรวบ) 4/10						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	161	≤350	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	666	≤25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	11.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.3	≤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	1408	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จเมื่อวันที่ 3-323-0019, Patchanon Inrak เสร็จเมื่อวันที่ 3-204-0197

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เสร็จเมื่อวันที่ 3-323-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เสร็จเมื่อวันที่ 3-323-0001

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Analysis / Test Report

Lot ID: 2588292

Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410535-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2588292-1						
Sampled Date	Oct 02, 2025 10:52 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำเสีย (บ่อรวบรวบ) 4/10						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จเมื่อวันที่ 3-323-0019, Patchanon Inrak เสร็จเมื่อวันที่ 3-204-0197

Remark :
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Technical Management

Narin Saeng
Narin Saeng
Supervisor
เสร็จเมื่อวันที่ 3-204-0009

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เสร็จเมื่อวันที่ 3-204-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2588293
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410536-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2588293-1						
Sampled Date	Oct 02, 2025 11:13 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำเสีย (บ่อรวบรวบ) 4/10						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	155	≤350	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	242	≤25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.5	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	-	-	30.2	≤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	268	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	56	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จเมื่อวันที่ 3-323-0019, Patchanon Inrak เสร็จเมื่อวันที่ 3-204-0197

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เสร็จเมื่อวันที่ 3-323-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เสร็จเมื่อวันที่ 3-323-0001

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Analysis / Test Report

Lot ID: 2588293

Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410536-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนาหว้า)
Project Location : Factory

Page 1 of 1

Sample Number	2588293-1						
Sampled Date	Oct 02, 2025 11:13 AM						
Sample Description	Wastewater						
Location	บริเวณ บ่อเก็บน้ำเสีย (บ่อรวบรวบ) 4/10						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	15	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จเมื่อวันที่ 3-323-0019, Patchanon Inrak เสร็จเมื่อวันที่ 3-204-0197

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

Technical Management

Narin Saeng
Narin Saeng
Supervisor
เสร็จเมื่อวันที่ 3-204-0009

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
เสร็จเมื่อวันที่ 3-204-0004

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14004-019 (THAI)

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 2588294
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410537-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรจนา) (Rojana)
Project Location : Factory

Page 1 of 1

Sample Number	2588294-1						
Sampled Date	Oct 02, 2025 11:05 AM						
Sample Description	Wastewater						
Location	บริเวณ คีโตนวารี (Kiatonwari) ฝั่ง						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	136	≤350	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	213	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	31.3	≤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	344	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	29	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รหัสประจำตัวพนักงาน 323-0019, Patchanon Inrak รหัสประจำตัวพนักงาน 204-0197

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
รหัสประจำตัวพนักงาน 323-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
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14004-019 (THAI)

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Analysis / Test Report

Lot ID: 2588294
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410537-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนา (โรจนา) (Rojana)
Project Location : Factory

Page 1 of 1

Sample Number	2588294-1						
Sampled Date	Oct 02, 2025 11:05 AM						
Sample Description	Wastewater						
Location	บริเวณ คีโตนวารี (Kiatonwari) ฝั่ง						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รหัสประจำตัวพนักงาน 323-0019, Patchanon Inrak รหัสประจำตัวพนักงาน 204-0197

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

Technical Management

C. S. Sani

Narin Saeng
Supervisor
รหัสประจำตัวพนักงาน 204-0009

Approved by

K. Anek

Kankkorn Anek
Assistant General Manager
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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Lot ID: 2588296
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410541-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number 2588296-1
Sampled Date Oct 02, 2025 2:32 PM
Sample Description Wastewater
Location บริเวณ 4-น้ำ อุตสาหกรรม โรงงาน 2 (อำเภอวังน้อย)
Date Analysis Commenced Oct 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	221	≤350	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	553	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C		-	-	7.2	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	-	-	30.8	≤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	130	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	250	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

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Senior Manager
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Analysis / Test Report

Lot ID: 2588296

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410541-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number 2588296-1
Sampled Date Oct 02, 2025 2:32 PM
Sample Description Wastewater
Location บริเวณ 4-น้ำ อุตสาหกรรม โรงงาน 2 (อำเภอวังน้อย)
Date Analysis Commenced Oct 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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Technical Management

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Approved by

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Assistant General Manager
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1/20250101, AL (L) up (12/2024)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Lot ID: 2588298
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410572-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number 2588298-1
Sampled Date Oct 02, 2025 2:11 PM
Sample Description Wastewater
Location บริเวณ 4-น้ำ อุตสาหกรรม โรงงาน 2 (อำเภอวังน้อย)
Date Analysis Commenced Oct 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	217	≤350	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	361	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C		-	-	8.2	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	-	-	30.7	≤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	180	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	27	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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- Sampling is not included in scope of accreditation ISO/IEC 17025

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Approved by

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Analysis / Test Report

Lot ID: 2588298

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410572-2P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number 2588298-1
Sampled Date Oct 02, 2025 2:11 PM
Sample Description Wastewater
Location บริเวณ 4-น้ำ อุตสาหกรรม โรงงาน 2 (อำเภอวังน้อย)
Date Analysis Commenced Oct 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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

Technical Management

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Approved by

K. Anek

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1/20250101, AL (L) up (12/2024)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Lot ID: 2588299
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410573-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองปรือ)
Project Location : Factory

Page 1 of 1

Sample Number	2588299-1						
Sampled Date	Oct 02, 2025	1:44 PM					
Sample Description	Wastewater						
Location	บริเวณ โรงงาน ช่างหล่อ และ (ถังบำบัดน้ำ) 40m						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	212	≤350	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	379	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	31.4	≤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	536	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	84	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Patchanon Inrak เสร็จสมบูรณ์ > 204-0-0197

Remark :

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Technical Management

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Approved by

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Analysis / Test Report

Lot ID: 2588299
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410573-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองปรือ)
Project Location : Factory

Page 1 of 1

Sample Number	2588299-1						
Sampled Date	Oct 02, 2025	1:44 PM					
Sample Description	Wastewater						
Location	บริเวณ โรงงาน ช่างหล่อ และ (ถังบำบัดน้ำ) 40m						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Patchanon Inrak เสร็จสมบูรณ์ > 204-0-0197

Remark :

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Technical Management

Narin Saeng

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Approved by

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Kankkorn Anek
Assistant General Manager
เสร็จสมบูรณ์ > 204-0-0004

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310Lot ID: 2588300
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410574-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองปรือ)
Project Location : Factory

Page 1 of 1

Sample Number	2588300-1						
Sampled Date	Oct 02, 2025	11:22 AM					
Sample Description	Wastewater						
Location	บริเวณ โรงงาน ช่างหล่อ 40m						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	452	≤350	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	1029	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.4	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	-	-	31.9	≤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	536	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	379	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Patchanon Inrak เสร็จสมบูรณ์ > 204-0-0197

Remark :

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- *"C" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
เสร็จสมบูรณ์ > 323-0-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
เสร็จสมบูรณ์ > 323-0-0001

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Analysis / Test Report

Lot ID: 2588300
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410574-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองปรือ)
Project Location : Factory

Page 1 of 1

Sample Number	2588300-1						
Sampled Date	Oct 02, 2025	11:22 AM					
Sample Description	Wastewater						
Location	บริเวณ โรงงาน ช่างหล่อ 40m						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	37	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Patchanon Inrak เสร็จสมบูรณ์ > 204-0-0197

Remark :

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

Technical Management

Narin Saeng

Narin Saeng
Supervisor
เสร็จสมบูรณ์ > 204-0-0009

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
เสร็จสมบูรณ์ > 204-0-0004

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองเสือ)
Project Location : FactoryLot ID: 2588301
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410575-1

Page 1 of 1

Sample Number	2588301-1						
Sampled Date	Oct 02, 2025 1:53 PM						
Sample Description	Wastewater						
Location	บริเวณ อ่างเก็บน้ำ (หนองเสือ) จังหวัด						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	112	≤350	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	305	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	30.9	≤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	692	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	57	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
เสร็จสมบูรณ์ > 323-4-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
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Analysis / Test Report

Lot ID: 2588301
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410575-2

Page 1 of 1

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองเสือ)
Project Location : Factory

Sample Number	2588301-1						
Sampled Date	Oct 02, 2025 1:53 PM						
Sample Description	Wastewater						
Location	บริเวณ อ่างเก็บน้ำ (หนองเสือ) จังหวัด						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	16	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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

Technical Management

Narin Saeng

Narin Saeng
Supervisor
เสร็จสมบูรณ์ > 204-4-0009

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
เสร็จสมบูรณ์ > 204-4-0004

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองเสือ)
Project Location : FactoryLot ID: 2588302
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410576-1

Page 1 of 1

Sample Number	2588302-1						
Sampled Date	Oct 02, 2025 10:35 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ (หนองเสือ) จังหวัด						
Date Analysis Commenced	Oct 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	65.9	≤350	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	155	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	30.1	≤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	770	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	27	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
เสร็จสมบูรณ์ > 323-4-0028

Approved by

Dej Chanchon

Dej Chanchon
Senior Manager
เสร็จสมบูรณ์ > 323-4-0001

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Analysis / Test Report

Lot ID: 2588302
Date Received : Oct 02, 2025
Date Reported : Oct 09, 2025
Report Number : 3410576-2

Page 1 of 1

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอหนองเสือ)
Project Location : Factory

Sample Number	2588302-1						
Sampled Date	Oct 02, 2025 10:35 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ (หนองเสือ) จังหวัด						
Date Analysis Commenced	Oct 03, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Patchanon Inrak เสร็จสมบูรณ์ > 204-4-0197

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

Technical Management

Narin Saeng

Narin Saeng
Supervisor
เสร็จสมบูรณ์ > 204-4-0009

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
เสร็จสมบูรณ์ > 204-4-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2588303
Date Received : Oct 20, 2025
Date Reported : Oct 28, 2025
Report Number : 3410578-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2588303-1
Sampled Date : Oct 20, 2025 10:32 AM
Sample Description : Wastewater
Location : บริเวณ โซน 1 (โรงงาน) 47m
Date Analysis Commenced : Oct 20, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	75.6	≤350	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	223	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	30.6	≤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	550	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	49	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Nattawat Athornprommarat อนุมัติแล้ว > 323-4-0006, Samart Khumhlee อนุมัติแล้ว > 204-4-0084

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S.
Photchana Seeda
Scientist (4)
อนุมัติแล้ว > 323-4-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
อนุมัติแล้ว > 323-4-0001

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14026-010 (09/24)

17025001_01_01 (14/09/24)



Analysis / Test Report

Lot ID: 2588303

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Date Received : Oct 20, 2025
Date Reported : Oct 28, 2025
Report Number : 3410578-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2588303-1
Sampled Date : Oct 20, 2025 10:32 AM
Sample Description : Wastewater
Location : บริเวณ โซน 1 (โรงงาน) 47m
Date Analysis Commenced : Oct 21, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Nattawat Athornprommarat อนุมัติแล้ว > 323-4-0006, Samart Khumhlee อนุมัติแล้ว > 204-4-0084

Remark :
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Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
อนุมัติแล้ว > 204-4-0013

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
อนุมัติแล้ว > 204-4-0004

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14026-010 (09/24)

17025001_01_01 (14/09/24)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 2595948
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429411-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595948-1
Sampled Date : Nov 03, 2025 10:33 AM
Sample Description : Wastewater
Location : บริเวณ โซน 1 (โรงงาน) 47m
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	78.0	≤350	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	286	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.2	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	-	-	30.6	≤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	568	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	43	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wisan Kruanti อนุมัติแล้ว > 323-4-0019, Pattarapol Sawangjattam อนุมัติแล้ว > 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.
Jitsupa Pratsangkul
Scientist (2)
อนุมัติแล้ว > 323-4-0004

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
อนุมัติแล้ว > 323-4-0001

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14026-010 (09/24)

17025001_01_01 (14/09/24)



Analysis / Test Report

Lot ID: 2595948

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429411-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595948-1
Sampled Date : Nov 03, 2025 10:33 AM
Sample Description : Wastewater
Location : บริเวณ โซน 1 (โรงงาน) 47m
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wisan Kruanti อนุมัติแล้ว > 323-4-0019, Pattarapol Sawangjattam อนุมัติแล้ว > 204-4-0002

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

Technical Management

Summon C.
Summon Chamsangut
Scientist (3)
อนุมัติแล้ว > 204-4-0018

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
อนุมัติแล้ว > 204-4-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the Laboratory.

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14026-010 (09/24)

17025001_01_01 (14/09/24)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595949
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429412-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2595949-1
Sampled Date : Nov 03, 2025 11:12 AM
Sample Description : Wastewater
Location : บริเวณ ชุมชน อุตสาหกรรม บางนาใหม่ (บางนาใหม่) จังหวัด
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	50.5	≤350	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O ₂	Rayong
COD	mg/L	1.5	25	158	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.5	≤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	248	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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14020-03 (ENGL)

3/10/2025, AL, 01, up 1 (4/4/2025)



Analysis / Test Report

Lot ID: 2595949
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429412-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2595949-1
Sampled Date : Nov 03, 2025 11:12 AM
Sample Description : Wastewater
Location : บริเวณ ชุมชน อุตสาหกรรม บางนาใหม่ (บางนาใหม่) จังหวัด
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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

Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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14020-03 (ENGL)

3/10/2025, AL, 01, up 1 (4/4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595950
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429413-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2595950-1
Sampled Date : Nov 03, 2025 2:01 PM
Sample Description : Wastewater
Location : บริเวณ ชุมชน อุตสาหกรรม บางนาใหม่ (บางนาใหม่) จังหวัด
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	61.3	≤350	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O ₂	Rayong
COD	mg/L	1.5	25	241	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	29.2	≤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	248	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	48	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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14020-03 (ENGL)

3/10/2025, AL, 01, up 1 (3/3/2025)



Analysis / Test Report

Lot ID: 2595950
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429413-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาเขต 2 (บางนา) (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number : 2595950-1
Sampled Date : Nov 03, 2025 2:01 PM
Sample Description : Wastewater
Location : บริเวณ ชุมชน อุตสาหกรรม บางนาใหม่ (บางนาใหม่) จังหวัด
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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

Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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14020-03 (ENGL)

3/10/2025, AL, 01, up 1 (4/4/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595951
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429414-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางพลี)
Project Location : Factory

Page 1 of 1

Sample Number : 2595951-1
Sampled Date : Nov 03, 2025 1:48 PM
Sample Description : Wastewater
Location : บริเวณคลองระบายน้ำ (Shonchan Song) ฝั่ง
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	36.6	≤350	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	132	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C		-	-	6.8	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	-	-	25.0	≤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	188	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti วัฒนธรรมาธิ 323-0019, Pattarapol Sawangjiam วัฒนธรรมาธิ 204-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
วัฒนธรรมาธิ 323-0004

Approved by

D. Chongchorn

Dej Chongchorn
Senior Manager
วัฒนธรรมาธิ 323-0001

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1/10/2025 (ALC) (1/10/2025)



Analysis / Test Report

Lot ID: 2595951
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429414-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางพลี)
Project Location : Factory

Page 1 of 1

Sample Number : 2595951-1
Sampled Date : Nov 03, 2025 1:48 PM
Sample Description : Wastewater
Location : บริเวณคลองระบายน้ำ (Shonchan Song) ฝั่ง
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti วัฒนธรรมาธิ 323-0019, Pattarapol Sawangjiam วัฒนธรรมาธิ 204-0002

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

Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
วัฒนธรรมาธิ 204-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธรรมาธิ 204-0004

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1/10/2025 (ALC) (1/10/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595952
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429416-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางพลี)
Project Location : Factory

Page 1 of 1

Sample Number : 2595952-1
Sampled Date : Nov 03, 2025 2:44 PM
Sample Description : Wastewater
Location : บริเวณ คลองระบายน้ำ ฝั่ง
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	66.1	≤350	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	210	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.1	≤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	424	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti วัฒนธรรมาธิ 323-0019, Pattarapol Sawangjiam วัฒนธรรมาธิ 204-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
วัฒนธรรมาธิ 323-0004

Approved by

D. Chongchorn

Dej Chongchorn
Senior Manager
วัฒนธรรมาธิ 323-0001

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1/10/2025 (ALC) (1/10/2025)



Analysis / Test Report

Lot ID: 2595952
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429416-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บางพลี)
Project Location : Factory

Page 1 of 1

Sample Number : 2595952-1
Sampled Date : Nov 03, 2025 2:44 PM
Sample Description : Wastewater
Location : บริเวณ คลองระบายน้ำ ฝั่ง
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti วัฒนธรรมาธิ 323-0019, Pattarapol Sawangjiam วัฒนธรรมาธิ 204-0002

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

Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
วัฒนธรรมาธิ 204-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
วัฒนธรรมาธิ 204-0004

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RIGHT SOLUTIONS RIGHT PARTNER

1/10/2025 (ALC) (1/10/2025)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595953
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429417-1

P/O : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านท่าช้าง)
Project Location : Factory

Page 1 of 1

Sample Number : 2595953-1
Sampled Date : Nov 03, 2025 3:04 PM
Sample Description : Wastewater
Location : บริเวณ น้ำทิ้ง อุตสาหกรรม บ้านท่าช้าง
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	32.4	≤350	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	78	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	30.7	≤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	208	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595953
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429417-2

P/O : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านท่าช้าง)
Project Location : Factory

Page 1 of 1

Sample Number : 2595953-1
Sampled Date : Nov 03, 2025 3:04 PM
Sample Description : Wastewater
Location : บริเวณ น้ำทิ้ง อุตสาหกรรม บ้านท่าช้าง
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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

Technical Management

Summon C.

Summon Chamsangut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595955
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429420-1

P/O : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านท่าช้าง)
Project Location : Factory

Page 1 of 1

Sample Number : 2595955-1
Sampled Date : Nov 03, 2025 2:31 PM
Sample Description : Wastewater
Location : บริเวณ น้ำทิ้ง อุตสาหกรรม บ้านท่าช้าง (อาคารที่ 1)
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	412	≤350	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	691	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C		-	-	7.4	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	-	-	30.7	≤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	148	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595955
Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429420-2

P/O : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านท่าช้าง)
Project Location : Factory

Page 1 of 1

Sample Number : 2595955-1
Sampled Date : Nov 03, 2025 2:31 PM
Sample Description : Wastewater
Location : บริเวณ น้ำทิ้ง อุตสาหกรรม บ้านท่าช้าง (อาคารที่ 1)
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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Technical Management

Summon C.

Summon Chamsangut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595956
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429421-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595956-1
Sampled Date : Nov 03, 2025 2:10 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ ขวดน้ำ และ (ถังหมัก) 4 ชั้น
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	223	≤350	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	460	≤225	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.2	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	-	-	29.9	≤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	584	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	59	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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Analysis / Test Report

Lot ID: 2595956

Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429421-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595956-1
Sampled Date : Nov 03, 2025 2:10 PM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ ขวดน้ำ และ (ถังหมัก) 4 ชั้น
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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1/10/2025 (10/11/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595957
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429422-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595957-1
Sampled Date : Nov 03, 2025 11:25 AM
Sample Description : Wastewater
Location : บริเวณ แผนก แอโรไบโอ 4 ชั้น
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	207	≤350	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	483	≤225	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	29.7	≤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	456	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	92	≤200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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Technical Management

Jitsupa P.

Jitsupa Pratsangkul
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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Analysis / Test Report

Lot ID: 2595957

Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429422-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595957-1
Sampled Date : Nov 03, 2025 11:25 AM
Sample Description : Wastewater
Location : บริเวณ แผนก แอโรไบโอ 4 ชั้น
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
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Technical Management

Summon C.

Summon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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1/10/2025 (10/11/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595958
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429433-1

P/O : : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595958-1
Sampled Date : Nov 03, 2025 2:20 PM
Sample Description : Wastewater
Location : บริเวณ บ่อเก็บน้ำเสีย (โรงงาน) จ.ฉะเชิงเทรา
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	200	≤350	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	456	≤25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.2	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	-	-	29.2	≤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	988	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	71	≤200	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
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Technical Management

Jitsupa Pratsangsuk
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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3/10/2025, AL, 01, up 1 (3/10/25)



Analysis / Test Report

Lot ID: 2595958

Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429433-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O : : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595958-1
Sampled Date : Nov 03, 2025 2:20 PM
Sample Description : Wastewater
Location : บริเวณ บ่อเก็บน้ำเสีย (โรงงาน) จ.ฉะเชิงเทรา
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	8	≤10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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

Technical Management

Suwimon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Karndhorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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3/10/2025, AL, 01, up 1 (3/10/25)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2595959
Date Received : Nov 03, 2025
Date Reported : Nov 10, 2025
Report Number : 3429434-1

P/O : : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595959-1
Sampled Date : Nov 03, 2025 10:40 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (โรงงาน) จ.ฉะเชิงเทรา
Date Analysis Commenced : Nov 03, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	256	≤350	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	554	≤25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.7	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	-	-	29.7	≤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	1268	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	312	≤200	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa Pratsangsuk
Scientist (2)
รับผิดชอบ 323-4-0004

Approved by

Dej Chanchon
Senior Manager
รับผิดชอบ 323-4-0001

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Analysis / Test Report

Lot ID: 2595959

Date Received : Nov 03, 2025
Date Reported : Nov 08, 2025
Report Number : 3429434-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italbhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O : : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านหม้อ)
Project Location : Factory

Page 1 of 1

Sample Number : 2595959-1
Sampled Date : Nov 03, 2025 10:40 AM
Sample Description : Wastewater
Location : บริเวณ โรงน้ำ (โรงงาน) จ.ฉะเชิงเทรา
Date Analysis Commenced : Nov 04, 2025
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	78	≤10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti รับผิดชอบ 323-4-0019, Pattarapol Sawangjiam รับผิดชอบ 204-4-0002

Remark :
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Technical Management

Suwimon Chamsangwut
Scientist (3)
รับผิดชอบ 204-4-0018

Approved by

Karndhorn Anek
Assistant General Manager
รับผิดชอบ 204-4-0004

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3/10/2025, AL, 01, up 1 (3/10/25)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Lot ID: 25103086
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447257-1

Page 1 of 1

Sample Number	25103086-1						
Sampled Date	Dec 01, 2025 10:28 AM						
Sample Description	Wastewater						
Location	บริเวณ ส้วมชุมชนบ้านนา						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	171	≤350	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	397	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	29.6	≤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	376	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	72	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruati เสร็จสิ้นวันที่ 323-0019, Pattarapol Sawangjiam เสร็จสิ้นวันที่ 204-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
เสร็จสิ้นวันที่ 323-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
เสร็จสิ้นวันที่ 323-0001

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Analysis / Test Report

Lot ID: 25103086
Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447257-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Sample Number	25103086-1						
Sampled Date	Dec 01, 2025 10:28 AM						
Sample Description	Wastewater						
Location	บริเวณ ส้วมชุมชนบ้านนา						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	43	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruati เสร็จสิ้นวันที่ 323-0019, Pattarapol Sawangjiam เสร็จสิ้นวันที่ 204-0002

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

Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
เสร็จสิ้นวันที่ 204-0013

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
เสร็จสิ้นวันที่ 204-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Lot ID: 25103087
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447258-1

Page 1 of 1

Sample Number	25103087-1						
Sampled Date	Dec 01, 2025 10:49 AM						
Sample Description	Wastewater						
Location	บริเวณ ชุมชน บ้านนาเวียง (บ้านนาเวียง) บ้านนา						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	108	≤350	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	292	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	29.2	≤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	384	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	44	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruati เสร็จสิ้นวันที่ 323-0019, Pattarapol Sawangjiam เสร็จสิ้นวันที่ 204-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
เสร็จสิ้นวันที่ 323-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
เสร็จสิ้นวันที่ 323-0001

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Analysis / Test Report

Lot ID: 25103087
Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447258-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. 11th Floor, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Sample Number	25103087-1						
Sampled Date	Dec 01, 2025 10:49 AM						
Sample Description	Wastewater						
Location	บริเวณ ชุมชน บ้านนาเวียง (บ้านนาเวียง) บ้านนา						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	9	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruati เสร็จสิ้นวันที่ 323-0019, Pattarapol Sawangjiam เสร็จสิ้นวันที่ 204-0002

Remark :
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Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
เสร็จสิ้นวันที่ 204-0013

Approved by

Kanokorn Anek

Kanokorn Anek
Assistant General Manager
เสร็จสิ้นวันที่ 204-0004

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Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 25103088
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447260-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number 25103088-1
Sampled Date Dec 01, 2025 11:10 AM
Sample Description Wastewater
Location บริเวณ โรงน้ำ แอโรบิก (โรงงาน) จ.ระยอง
Date Analysis Commenced Dec 01, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	89.8	≤350	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	286	≤525	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.7	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	-	-	28.1	≤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	364	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	76	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จงานที่ 323-0-0019, Pattarapol Sawangjiam เสร็จงานที่ 204-0-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
เสร็จงานที่ 323-0-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
เสร็จงานที่ 323-0-0001

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Analysis / Test Report

Lot ID: 25103088

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447260-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number 25103088-1
Sampled Date Dec 01, 2025 11:10 AM
Sample Description Wastewater
Location บริเวณ โรงน้ำ แอโรบิก (โรงงาน) จ.ระยอง
Date Analysis Commenced Dec 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จงานที่ 323-0-0019, Pattarapol Sawangjiam เสร็จงานที่ 204-0-0002

Remark :
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Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
เสร็จงานที่ 204-0-0013

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
เสร็จงานที่ 204-0-0004

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3/256601, AE, 01, up 1 (4/2566)



Analysis / Test Report

TESTING
No.0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 25103089
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447262-1P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number 25103089-1
Sampled Date Dec 01, 2025 11:02 AM
Sample Description Wastewater
Location บริเวณ คลังขยะ โรงน้ำ (โรงงาน) จ.ระยอง
Date Analysis Commenced Dec 01, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	91.9	≤350	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	236	≤525	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	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	-	-	28.1	≤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	372	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	27	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จงานที่ 323-0-0019, Pattarapol Sawangjiam เสร็จงานที่ 204-0-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratsangsk
Scientist (2)
เสร็จงานที่ 323-0-0004

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
เสร็จงานที่ 323-0-0001

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Analysis / Test Report

Lot ID: 25103089

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447262-2Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number 25103089-1
Sampled Date Dec 01, 2025 11:02 AM
Sample Description Wastewater
Location บริเวณ คลังขยะ โรงน้ำ (โรงงาน) จ.ระยอง
Date Analysis Commenced Dec 02, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	10	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จงานที่ 323-0-0019, Pattarapol Sawangjiam เสร็จงานที่ 204-0-0002

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

Technical Management

Siriluk P.

Siriluk Bunrak
Section Head
เสร็จงานที่ 204-0-0013

Approved by

Kankkorn Anek

Kankkorn Anek
Assistant General Manager
เสร็จงานที่ 204-0-0004

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3/256601, AE, 01, up 1 (4/2566)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 25103090
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447263-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านขุนสง)
Project Location : Factory

Page 1 of 1

Sample Number	25103090-1						
Sampled Date	Dec 01, 2025 2:30 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำ หลัง 3/1						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	103	≤350	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	272	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.5	≤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	480	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	125	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti วัฒนาสง 323-0019, Pattarapol Sawangjiam วัฒนาสง 204-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Senda
Scientist (4)
วัฒนาสง 323-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนาสง 323-0001

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Analysis / Test Report

Lot ID: 25103090

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447263-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านขุนสง)
Project Location : Factory

Page 1 of 1

Sample Number	25103090-1						
Sampled Date	Dec 01, 2025 2:30 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำ หลัง 3/1						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti วัฒนาสง 323-0019, Pattarapol Sawangjiam วัฒนาสง 204-0002

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Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
วัฒนาสง 204-0013

Approved by

Kanokorn Anek
Assistant General Manager
วัฒนาสง 204-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

Lot ID: 25103091
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447264-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านขุนสง)
Project Location : Factory

Page 1 of 1

Sample Number	25103091-1						
Sampled Date	Dec 01, 2025 2:55 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำ หลัง 3/1						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	132	≤350	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	333	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	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
Temperature *	Degree C	-	-	29.8	≤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	424	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	98	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti วัฒนาสง 323-0019, Pattarapol Sawangjiam วัฒนาสง 204-0002

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Senda
Scientist (4)
วัฒนาสง 323-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
วัฒนาสง 323-0001

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Analysis / Test Report

Lot ID: 25103091

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447264-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok.
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาสง 2 (บ้านขุนสง)
Project Location : Factory

Page 1 of 1

Sample Number	25103091-1						
Sampled Date	Dec 01, 2025 2:55 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่งน้ำ หลัง 3/1						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Krunti วัฒนาสง 323-0019, Pattarapol Sawangjiam วัฒนาสง 204-0002

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Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
วัฒนาสง 204-0013

Approved by

Kanokorn Anek
Assistant General Manager
วัฒนาสง 204-0004

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Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103093
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447266-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number	25103093-1						
Sampled Date	Dec 01, 2025 2:15 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่ง ระบาย (บริเวณทาง) ฝั่ง (อาคารที่ 1)						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	85.7	≤350	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	250	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.4	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	-	-	30.2	≤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	264	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	55	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-0-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เสร็จสมบูรณ์ > 323-0-0028

Approved by

D. Chanchon
Dej Chanchon
Senior Manager
เสร็จสมบูรณ์ > 323-0-0001

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Analysis / Test Report

Lot ID: 25103093
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447266-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number	25103093-1						
Sampled Date	Dec 01, 2025 2:15 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่ง ระบาย (บริเวณทาง) ฝั่ง (อาคารที่ 1)						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-0-0002

Remark :
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Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
เสร็จสมบูรณ์ > 204-0-0013

Approved by

Kanokorn Anek
Assistant General Manager
เสร็จสมบูรณ์ > 204-0-0004

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3/10/2025, AL, 01, 01 (3/10/2025)



Analysis / Test Report



TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103094
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447267-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number	25103094-1						
Sampled Date	Dec 01, 2025 1:45 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่ง ระบาย (บริเวณทาง) ฝั่ง						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	155	≤350	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	458	≤25	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.1	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	-	-	30.5	≤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	504	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	86	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-0-0002

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
Photchana Seeda
Scientist (4)
เสร็จสมบูรณ์ > 323-0-0028

Approved by

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3/10/2025, AL, 01, 01 (3/10/2025)



Analysis / Test Report

Lot ID: 25103094
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447267-2

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (อำเภอวังน้อย)
Project Location : Factory

Page 1 of 1

Sample Number	25103094-1						
Sampled Date	Dec 01, 2025 1:45 PM						
Sample Description	Wastewater						
Location	บริเวณ แหล่ง ระบาย (บริเวณทาง) ฝั่ง						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-0-0019 , Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-0-0002

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

Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
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Approved by

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Assistant General Manager
เสร็จสมบูรณ์ > 204-0-0004

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3/10/2025, AL, 01, 01 (3/10/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103095
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447269-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number	25103095-1						
Sampled Date	Dec 01, 2025 11:22 AM						
Sample Description	Wastewater						
Location	บริเวณ อาคาร ผลิตน้ำดื่ม						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	167	≤350	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	404	≤225	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.8	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	-	-	28.3	≤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	380	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	73	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-4-0002

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

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3/10/2025, AL, 01, 01 (1/10/2025)



Analysis / Test Report

Lot ID: 25103095

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447269-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number	25103095-1						
Sampled Date	Dec 01, 2025 11:22 AM						
Sample Description	Wastewater						
Location	บริเวณ อาคาร ผลิตน้ำดื่ม						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	7	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-4-0002

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

Technical Management

Siriluk P.
Siriluk Bunrak
Section Head
เสร็จสมบูรณ์ > 204-4-0013

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
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3/10/2025, AL, 01, 01 (1/10/2025)



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 25103097
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447270-1

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number	25103097-1						
Sampled Date	Dec 01, 2025 1:56 PM						
Sample Description	Wastewater						
Location	บริเวณ อาคาร ผลิตน้ำดื่ม (โรงงาน) 4/10						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	178	≤350	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	425	≤225	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	8.4	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	-	-	29.2	≤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	432	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	89	≤200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-4-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S
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Scientist (4)
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Approved by

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Dej Chanchon
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Analysis / Test Report

Lot ID: 25103097

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Date Received : Dec 01, 2025
Date Reported : Dec 04, 2025
Report Number : 3447270-2

P/O :
Project Name : โรงงานอุตสาหกรรมโรจนาบุรี 2 (บ้านนา)
Project Location : Factory

Page 1 of 1

Sample Number	25103097-1						
Sampled Date	Dec 01, 2025 1:56 PM						
Sample Description	Wastewater						
Location	บริเวณ อาคาร ผลิตน้ำดื่ม (โรงงาน) 4/10						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	5	≤10	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khae Khan Song), Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เสร็จสมบูรณ์ > 323-4-0019, Pattarapol Sawangjiam เสร็จสมบูรณ์ > 204-4-0002

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

Technical Management

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Section Head
เสร็จสมบูรณ์ > 204-4-0013

Approved by

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Kanokorn Anek
Assistant General Manager
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3/10/2025, AL, 01, 01 (1/10/2025)



Analysis / Test Report

TESTING
No. 0042Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 25103099
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447271-1P/O :
Project Name : โรงงานแปรรูปอาหารสัตว์ (โรงงาน) 2 (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	25103099-1						
Sampled Date	Dec 01, 2025 10:36 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ use (โรงงาน) 4/10						
Date Analysis Commenced	Dec 01, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	67.4	≤350	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O ₅	Rayong
COD	mg/L	1.5	25	204	≤525	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
pH at 25 degree C	-	-	-	7.4	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	-	-	26.4	≤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	1340	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.

Sampling By : Wasan Kruanti เลขที่ใบอนุญาต ร-323-0-0019 , Pattarapol Sawangjattam เลขที่ใบอนุญาต ร-204-0-0002

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
เลขที่ใบอนุญาต ร-323-0-0028

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
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Analysis / Test Report

Client : Rojana Industrial Management Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310Lot ID: 25103099
Date Received : Dec 01, 2025
Date Reported : Dec 09, 2025
Report Number : 3447271-2P/O :
Project Name : โรงงานแปรรูปอาหารสัตว์ (โรงงาน) 2 (โรงงาน)
Project Location : Factory

Page 1 of 1

Sample Number	25103099-1						
Sampled Date	Dec 01, 2025 10:36 AM						
Sample Description	Wastewater						
Location	บริเวณ โรงน้ำ use (โรงงาน) 4/10						
Date Analysis Commenced	Dec 02, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 D	Bangkok

Guideline : Standard of Rojana Industrial park Chonburi 2 (Khao Khan Song) , Criteria of wastewater drainage from the factory to central wastewater treatment plant.
Sampling By : Wasan Kruanti เลขที่ใบอนุญาต ร-323-0-0019 , Pattarapol Sawangjattam เลขที่ใบอนุญาต ร-204-0-0002Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Siriluk P.

Siriluk Bunrak
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เลขที่ใบอนุญาต ร-204-0-0013

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