

## ภาคผนวก ค

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ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

# ภาคผนวก ค-1

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คุณภาพอากาศในบรรยากาศ



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338074**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613467-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดหนองเกตุ (A4)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

Time	2338074-22 Apr 28, 2023	2338074-23 Apr 29, 2023	2338074-24 Apr 30, 2023	2338074-25 May 01, 2023	2338074-26 May 02, 2023	2338074-27 May 03, 2023	2338074-28 May 04, 2023
09:00 AM - 10:00 AM	0.006	0.001	0.002	0.006	0.004	0.006	0.008
10:00 AM - 11:00 AM	0.010	0.002	0.003	0.007	0.003	0.010	0.006
11:00 AM - 12:00 PM	0.006	0.002	0.002	0.008	0.007	0.006	0.005
12:00 PM - 01:00 PM	0.004	0.002	0.007	0.009	0.007	0.004	0.013
01:00 PM - 02:00 PM	0.005	0.003	0.024	0.009	0.008	0.003	0.007
02:00 PM - 03:00 PM	0.004	0.004	0.010	0.008	0.005	0.004	0.006
03:00 PM - 04:00 PM	0.006	0.003	0.020	0.008	0.003	0.004	0.013
04:00 PM - 05:00 PM	0.003	0.004	0.021	0.003	0.005	0.008	0.010
05:00 PM - 06:00 PM	0.003	0.008	0.022	0.003	0.004	0.005	0.016
06:00 PM - 07:00 PM	0.004	0.010	0.021	0.003	0.006	0.004	0.016
07:00 PM - 08:00 PM	0.009	0.003	0.021	0.004	0.005	0.003	0.009
08:00 PM - 09:00 PM	0.013	0.005	0.020	0.004	0.005	0.004	0.016
09:00 PM - 10:00 PM	0.006	0.021	0.020	0.004	0.005	0.004	0.018
10:00 PM - 11:00 PM	0.002	0.014	0.014	0.003	0.006	0.003	0.019
11:00 PM - 12:00 AM	0.002	0.011	0.018	0.003	0.010	0.004	0.003
12:00 AM - 01:00 AM	0.002	0.006	0.017	0.003	0.004	0.009	0.003
01:00 AM - 02:00 AM	0.002	0.002	0.016	0.003	0.003	0.009	0.002
02:00 AM - 03:00 AM	0.002	0.003	0.018	0.003	0.003	0.012	0.003
03:00 AM - 04:00 AM	0.002	0.003	0.019	0.005	0.003	0.008	0.004
04:00 AM - 05:00 AM	0.001	0.004	0.022	0.004	0.004	0.006	0.003
05:00 AM - 06:00 AM	0.001	0.002	0.022	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.001	0.003	0.023	0.004	0.004	0.005	0.005
07:00 AM - 08:00 AM	0.001	0.006	0.022	0.004	0.005	0.005	0.002
08:00 AM - 09:00 AM	0.002	0.003	0.005	0.004	0.005	0.006	0.003
Average	0.004	0.005	0.016	0.005	0.005	0.006	0.008
1hr - Maximum	0.013	0.021	0.024	0.009	0.010	0.012	0.019
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338074**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649239-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดโคกอุดมดี (A1)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338074-1 Apr 28, 2023	2338074-2 Apr 29, 2023	2338074-3 Apr 30, 2023	2338074-4 May 01, 2023	2338074-5 May 02, 2023	2338074-6 May 03, 2023	2338074-7 May 04, 2023
Time							
11:00 AM - 12:00 PM	0.007	0.010	0.008	0.008	0.007	0.004	0.004
12:00 PM - 01:00 PM	0.006	0.008	0.013	0.013	0.006	0.013	0.023
01:00 PM - 02:00 PM	0.007	0.006	0.008	0.009	0.008	0.011	0.018
02:00 PM - 03:00 PM	0.008	0.005	0.008	0.010	0.003	0.004	0.006
03:00 PM - 04:00 PM	0.006	0.008	0.004	0.006	0.005	0.004	0.010
04:00 PM - 05:00 PM	0.010	0.009	0.009	0.010	0.007	0.006	0.010
05:00 PM - 06:00 PM	0.008	0.009	0.010	0.009	0.009	0.004	0.006
06:00 PM - 07:00 PM	0.008	0.009	0.009	0.007	0.006	0.012	0.005
07:00 PM - 08:00 PM	0.008	0.008	0.008	0.009	0.005	0.010	0.004
08:00 PM - 09:00 PM	0.010	0.008	0.011	0.007	0.008	0.009	0.010
09:00 PM - 10:00 PM	0.008	0.006	0.005	0.008	0.009	0.008	0.004
10:00 PM - 11:00 PM	0.008	0.005	0.006	0.009	0.004	0.012	0.011
11:00 PM - 12:00 AM	0.005	0.005	0.012	0.011	0.006	0.010	0.009
12:00 AM - 01:00 AM	0.006	0.004	0.010	0.006	0.013	0.011	0.004
01:00 AM - 02:00 AM	0.005	0.007	0.003	0.005	0.007	0.013	0.010
02:00 AM - 03:00 AM	0.006	0.004	0.004	0.006	0.006	0.013	0.011
03:00 AM - 04:00 AM	0.007	0.009	0.004	0.005	0.010	0.008	0.004
04:00 AM - 05:00 AM	0.005	0.008	0.010	0.003	0.008	0.004	0.006
05:00 AM - 06:00 AM	0.008	0.008	0.005	0.008	0.006	0.005	0.008
06:00 AM - 07:00 AM	0.008	0.008	0.004	0.008	0.005	0.004	0.009
07:00 AM - 08:00 AM	0.008	0.008	0.005	0.004	0.008	0.005	0.003
08:00 AM - 09:00 AM	0.006	0.008	0.004	0.006	0.008	0.006	0.011
09:00 AM - 10:00 AM	0.008	0.008	0.005	0.003	0.010	0.013	0.009
10:00 AM - 11:00 AM	0.008	0.008	0.007	0.006	0.009	0.009	0.012
Average	0.007	0.007	0.007	0.007	0.007	0.008	0.009
1hr - Maximum	0.010	0.010	0.013	0.013	0.013	0.013	0.023
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338074**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649260-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดคลองสมบุรณ์ (A2)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338074-8 Apr 28, 2023	2338074-9 Apr 29, 2023	2338074-10 Apr 30, 2023	2338074-11 May 01, 2023	2338074-12 May 02, 2023	2338074-13 May 03, 2023	2338074-14 May 04, 2023
Time							
01:00 PM - 02:00 PM	0.006	0.007	0.008	0.005	0.003	0.006	0.003
02:00 PM - 03:00 PM	0.005	0.004	0.008	0.005	0.003	0.004	0.003
03:00 PM - 04:00 PM	0.003	0.005	0.009	0.006	0.010	0.005	0.006
04:00 PM - 05:00 PM	0.004	0.006	0.010	0.004	0.010	0.003	0.008
05:00 PM - 06:00 PM	0.007	0.005	0.004	0.009	0.010	0.004	0.006
06:00 PM - 07:00 PM	0.005	0.006	0.019	0.011	0.010	0.004	0.008
07:00 PM - 08:00 PM	0.003	0.010	0.016	0.013	0.008	0.006	0.002
08:00 PM - 09:00 PM	0.002	0.007	0.012	0.008	0.007	0.005	0.009
09:00 PM - 10:00 PM	0.005	0.005	0.011	0.005	0.005	0.004	0.007
10:00 PM - 11:00 PM	0.003	0.006	0.004	0.004	0.004	0.003	0.006
11:00 PM - 12:00 AM	0.008	0.005	0.003	0.004	0.004	0.002	0.003
12:00 AM - 01:00 AM	0.007	0.004	0.002	0.002	0.003	0.003	0.003
01:00 AM - 02:00 AM	0.004	0.003	0.004	0.002	0.002	0.003	0.002
02:00 AM - 03:00 AM	0.004	0.002	0.004	0.002	0.002	0.002	0.001
03:00 AM - 04:00 AM	0.004	0.002	0.004	0.001	0.002	0.003	0.001
04:00 AM - 05:00 AM	0.003	0.002	0.004	0.002	0.001	0.001	0.002
05:00 AM - 06:00 AM	0.004	0.002	0.004	0.002	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.004	0.005	0.006	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.002	0.008	0.009	0.009	0.002	0.002	0.003
08:00 AM - 09:00 AM	0.003	0.011	0.014	0.023	0.012	0.004	0.003
09:00 AM - 10:00 AM	0.002	0.028	0.022	0.016	0.012	0.008	0.004
10:00 AM - 11:00 AM	0.006	0.014	0.014	0.006	0.010	0.003	0.004
11:00 AM - 12:00 PM	0.008	0.010	0.006	0.004	0.009	0.002	0.005
12:00 PM - 01:00 PM	0.008	0.007	0.006	0.003	0.003	0.003	0.005
Average	0.005	0.007	0.008	0.006	0.006	0.004	0.004
1hr - Maximum	0.008	0.028	0.022	0.023	0.012	0.008	0.009
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338074**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649262-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดหนองหูล้าง (A3)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338074-15 Apr 28, 2023	2338074-16 Apr 29, 2023	2338074-17 Apr 30, 2023	2338074-18 May 01, 2023	2338074-19 May 02, 2023	2338074-20 May 03, 2023	2338074-21 May 04, 2023
Time							
02:00 PM - 03:00 PM	0.005	0.016	0.004	0.004	0.004	0.006	0.004
03:00 PM - 04:00 PM	0.004	0.016	0.004	0.005	0.004	0.006	0.004
04:00 PM - 05:00 PM	0.005	0.010	0.004	0.005	0.009	0.006	0.004
05:00 PM - 06:00 PM	0.005	0.017	0.004	0.006	0.018	0.008	0.005
06:00 PM - 07:00 PM	0.005	0.019	0.004	0.006	0.007	0.007	0.005
07:00 PM - 08:00 PM	0.005	0.020	0.008	0.004	0.012	0.009	0.013
08:00 PM - 09:00 PM	0.004	0.022	0.011	0.004	0.019	0.009	0.007
09:00 PM - 10:00 PM	0.010	0.026	0.010	0.008	0.021	0.012	0.006
10:00 PM - 11:00 PM	0.012	0.021	0.004	0.006	0.021	0.009	0.004
11:00 PM - 12:00 AM	0.025	0.006	0.004	0.004	0.024	0.006	0.004
12:00 AM - 01:00 AM	0.017	0.004	0.003	0.004	0.010	0.004	0.005
01:00 AM - 02:00 AM	0.008	0.004	0.003	0.004	0.012	0.005	0.004
02:00 AM - 03:00 AM	0.006	0.005	0.004	0.004	0.011	0.006	0.004
03:00 AM - 04:00 AM	0.008	0.006	0.004	0.004	0.014	0.007	0.004
04:00 AM - 05:00 AM	0.014	0.009	0.004	0.004	0.006	0.008	0.004
05:00 AM - 06:00 AM	0.013	0.020	0.005	0.010	0.006	0.006	0.003
06:00 AM - 07:00 AM	0.016	0.023	0.005	0.005	0.013	0.006	0.004
07:00 AM - 08:00 AM	0.028	0.032	0.006	0.008	0.016	0.013	0.004
08:00 AM - 09:00 AM	0.013	0.026	0.010	0.007	0.006	0.008	0.006
09:00 AM - 10:00 AM	0.008	0.012	0.007	0.008	0.005	0.004	0.006
10:00 AM - 11:00 AM	0.006	0.006	0.004	0.007	0.005	0.012	0.007
11:00 AM - 12:00 PM	0.007	0.004	0.003	0.004	0.004	0.010	0.016
12:00 PM - 01:00 PM	0.013	0.005	0.004	0.004	0.007	0.006	0.010
01:00 PM - 02:00 PM	0.010	0.004	0.004	0.004	0.005	0.004	0.004
Average	0.010	0.014	0.005	0.005	0.011	0.007	0.006
1hr - Maximum	0.028	0.032	0.011	0.010	0.024	0.013	0.016
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338083**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613475-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดหนองเกตุ (A4)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

Time	2338083-22 Apr 28, 2023	2338083-23 Apr 29, 2023	2338083-24 Apr 30, 2023	2338083-25 May 01, 2023	2338083-26 May 02, 2023	2338083-27 May 03, 2023	2338083-28 May 04, 2023
09:00 AM - 10:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 AM - 11:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 AM - 12:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 PM - 01:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 PM - 02:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 PM - 03:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 PM - 08:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 PM - 10:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 PM - 11:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 PM - 12:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 AM - 03:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 AM - 04:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 AM - 05:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 AM - 06:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Average	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.004	0.004	0.004	0.004	0.004	0.004	0.004
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 : US EPA Method Part 53 and 58

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Saranya Chalermthamrong

Scientist (4)

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338083**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649264-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดโคกอุดมดี (A1)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338083-1 Apr 28, 2023	2338083-2 Apr 29, 2023	2338083-3 Apr 30, 2023	2338083-4 May 01, 2023	2338083-5 May 02, 2023	2338083-6 May 03, 2023	2338083-7 May 04, 2023
Time							
11:00 AM - 12:00 PM	0.004	0.003	0.004	0.004	0.004	0.004	0.004
12:00 PM - 01:00 PM	0.004	0.003	0.004	0.004	0.004	0.004	0.004
01:00 PM - 02:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 PM - 03:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 PM - 08:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 PM - 10:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 PM - 11:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 PM - 12:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 AM - 03:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 AM - 04:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 AM - 05:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 AM - 06:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 AM - 11:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Average	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.004	0.004	0.004	0.004	0.004	0.004	0.004
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 : US EPA Method Part 53 and 58

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*Saranya C.*

Saranya Chalermthamrong

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338083**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649269-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดคลองสมบุรณ์ (A2)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338083-8 Apr 28, 2023	2338083-9 Apr 29, 2023	2338083-10 Apr 30, 2023	2338083-11 May 01, 2023	2338083-12 May 02, 2023	2338083-13 May 03, 2023	2338083-14 May 04, 2023
Time							
01:00 PM - 02:00 PM	0.004	0.003	0.004	0.004	0.004	0.004	0.004
02:00 PM - 03:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
07:00 PM - 08:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.004	0.004	0.004	0.003	0.003	0.004	0.004
09:00 PM - 10:00 PM	0.004	0.004	0.004	0.004	0.003	0.004	0.004
10:00 PM - 11:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
11:00 PM - 12:00 AM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 AM - 03:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 AM - 04:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 AM - 05:00 AM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
05:00 AM - 06:00 AM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.003	0.005	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.003	0.005	0.004	0.004	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
10:00 AM - 11:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 AM - 12:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 PM - 01:00 PM	0.003	0.004	0.004	0.004	0.004	0.004	0.004
Average	0.003	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.004	0.005	0.004	0.004	0.004	0.004	0.004
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 : US EPA Method Part 53 and 58

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338083**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2649271-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** วัดหนองหู่ช้าง (A3)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** Apr 28, 2023 - May 05, 2023  
**Measurement by** Nontachai Uppathamp

	2338083-15 Apr 28, 2023	2338083-16 Apr 29, 2023	2338083-17 Apr 30, 2023	2338083-18 May 01, 2023	2338083-19 May 02, 2023	2338083-20 May 03, 2023	2338083-21 May 04, 2023
Time							
02:00 PM - 03:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.004
03:00 PM - 04:00 PM	0.003	0.002	0.003	0.003	0.003	0.003	0.003
04:00 PM - 05:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.002
05:00 PM - 06:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
06:00 PM - 07:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
07:00 PM - 08:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
08:00 PM - 09:00 PM	0.003	0.003	0.003	0.003	0.004	0.003	0.003
09:00 PM - 10:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
10:00 PM - 11:00 PM	0.002	0.003	0.003	0.003	0.003	0.003	0.003
11:00 PM - 12:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
12:00 AM - 01:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
01:00 AM - 02:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
02:00 AM - 03:00 AM	0.004	0.003	0.003	0.003	0.003	0.003	0.003
03:00 AM - 04:00 AM	0.004	0.003	0.003	0.003	0.003	0.003	0.003
04:00 AM - 05:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05:00 AM - 06:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
06:00 AM - 07:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
07:00 AM - 08:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
08:00 AM - 09:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
09:00 AM - 10:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
10:00 AM - 11:00 AM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
11:00 AM - 12:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
12:00 PM - 01:00 PM	0.004	0.003	0.003	0.003	0.004	0.003	0.003
01:00 PM - 02:00 PM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Average	0.003	0.003	0.003	0.003	0.003	0.003	0.003
1hr - Maximum	0.004	0.003	0.003	0.003	0.004	0.003	0.004
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 : US EPA Method Part 53 and 58

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## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID : 2338084  
Date Received : May 08, 2023  
Date Reported : May 15, 2023  
Report Number : 2635696-1

Page 1 of 2

Sample Number : 2338084-1 to 7  
Parameter : Wind Speed / Wind Direction  
Location : วัดโคกอุดมดี (A1)  
Sampling Date : Apr 28 - May 05, 2023  
Sampling by : Nontachai Uppathamp

Time	Apr 28 - Apr 29, 2023			Apr 29 - Apr 30, 2023			Apr 30 - May 01, 2023			May 01 - May 02, 2023			May 02 - May 03, 2023			May 03 - May 04, 2023			May 04 - May 05, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	3.2	246.0	WSW	2.2	293.0	WNW	2.5	184.0	S	1.7	231.0	SW	3.2	111.0	ESE	2.5	245.0	WSW	2.3	227.0	SW
11:00 AM - 12:00 PM	2.0	282.0	WNW	1.0	274.0	W	1.9	193.0	SSW	2.6	101.0	E	1.1	195.0	SSW	5.0	205.0	SSW	3.2	225.0	SW
12:00 PM - 01:00 PM	1.6	220.0	SW	5.4	202.0	SSW	0.3	129.0	SE	1.2	197.0	SSW	4.3	193.0	SSW	3.3	228.0	SW	3.7	246.0	WSW
01:00 PM - 02:00 PM	2.6	347.0	NNW	0.2	-	-	0.7	85.0	E	3.6	33.0	NNE	5.7	194.0	SSW	1.8	215.0	SW	4.2	191.0	S
02:00 PM - 03:00 PM	1.4	247.0	WSW	0.7	290.0	WNW	0.6	345.0	NNW	1.0	0.0	N	1.3	255.0	WSW	2.7	265.0	W	5.5	201.0	SSW
03:00 PM - 04:00 PM	0.0	-	-	0.7	268.0	W	2.6	213.0	SSW	2.4	202.0	SSW	1.3	274.0	W	3.1	242.0	WSW	3.4	198.0	SSW
04:00 PM - 05:00 PM	2.1	183.0	S	1.2	0.0	N	0.9	189.0	S	0.4	125.0	SE	0.7	269.0	W	1.3	234.0	SW	2.1	241.0	WSW
05:00 PM - 06:00 PM	0.1	-	-	0.5	89.0	E	0.0	-	-	0.8	130.0	SE	0.0	-	-	1.7	230.0	SW	3.0	219.0	SW
06:00 PM - 07:00 PM	0.0	-	-	0.3	85.0	E	0.5	85.0	E	1.3	72.0	ENE	1.2	13.0	NNE	2.5	183.0	S	3.9	201.0	SSW
07:00 PM - 08:00 PM	0.0	-	-	0.4	109.0	ESE	0.6	78.0	ENE	0.4	73.0	ENE	0.0	-	-	1.7	199.0	SSW	1.8	221.0	SW
08:00 PM - 09:00 PM	0.9	5.0	N	0.5	107.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	2.7	181.0	S
09:00 PM - 10:00 PM	0.8	88.0	E	0.0	-	-	0.0	-	-	0.2	-	-	0.3	185.0	S	1.1	228.0	SW	2.4	211.0	SSW
10:00 PM - 11:00 PM	0.0	-	-	0.4	60.0	ENE	0.3	79.0	E	0.0	-	-	0.0	-	-	0.8	203.0	SSW	1.4	234.0	SW
11:00 PM - 12:00 AM	0.4	65.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	0.4	152.0	SSE	0.3	197.0	SSW	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.4	359.0	N	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.8	195.0	SSW
01:00 AM - 02:00 AM	0.0	-	-	0.4	79.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.9	198.0	SSW	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	1.0	30.0	NNE	0.3	161.0	SSE	0.0	-	-	0.6	115.0	ESE	0.2	-	-	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.6	46.0	NE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.6	77.0	ENE	1.3	359.0	N	0.0	-	-	0.8	0.0	N	0.8	125.0	SE	0.0	-	-	0.2	-	-
05:00 AM - 06:00 AM	0.9	105.0	ESE	1.8	359.0	N	1.4	27.0	NNE	0.0	-	-	1.1	126.0	SE	3.1	211.0	SSW	2.6	194.0	SSW
06:00 AM - 07:00 AM	1.7	241.0	WSW	1.7	17.0	NNE	0.3	115.0	ESE	1.4	214.0	SW	1.8	282.0	WNW	3.1	185.0	S	0.8	144.0	SE
07:00 AM - 08:00 AM	1.4	246.0	WSW	4.6	49.0	NE	1.2	74.0	ENE	1.4	299.0	WNW	1.5	274.0	W	2.5	208.0	SSW	0.2	-	-
08:00 AM - 09:00 AM	1.4	234.0	SW	1.3	114.0	ESE	1.1	22.0	NNE	1.1	125.0	SE	0.3	258.0	WSW	2.6	207.0	SSW	1.2	220.0	SW
09:00 AM - 10:00 AM	0.4	298.0	WNW	3.3	202.0	SSW	2.5	111.0	ESE	0.7	161.0	SSE	2.4	252.0	WSW	1.7	183.0	S	0.8	162.0	SSE

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 Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

P/O :

Project Name : Prachinburi

Project Location :

Lot ID : 2338084

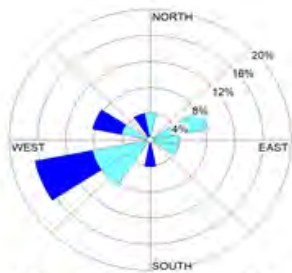
Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2635696-1

Page 2 of 2

### Wind Rose



Date : Apr 28-29, 2023



Date : Apr 29-30, 2023



Date : Apr 30-May 01, 2023



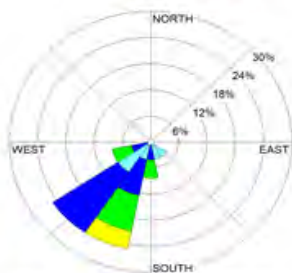
Date : May 01-02, 2023



Date : May 02-03, 2023



Date : May 03-04, 2023



Date : May 04-05, 2023



Date : Apr 28-May 05, 2023

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	1.18
3.3-5.5	6.55
1.7-3.3	22.62
0.3-1.7	41.67
Calms	27.98

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID : 2338084  
 Date Received : May 08, 2023  
 Date Reported : May 15, 2023  
 Report Number : 2635696-1

Page 1 of 2

Sample Number 2338084-8 to 14  
 Parameter Wind Speed / Wind Direction  
 Location วัดคลองสมบูรณ์ (A2)  
 Sampling Date Apr 28 - May 05, 2023  
 Sampling by Nontachai Uppathamp

Time	Apr 28 - Apr 29, 2023			Apr 29 - Apr 30, 2023			Apr 30 - May 01, 2023			May 01 - May 02, 2023			May 02 - May 03, 2023			May 03 - May 04, 2023			May 04 - May 05, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
01:00 PM - 02:00 PM	1.8	107.0	ESE	2.6	284.0	WNW	4.4	162.0	SSE	2.6	257.0	WSW	4.2	150.0	SSE	3.4	152.0	SSE	0.7	185.0	S
02:00 PM - 03:00 PM	2.0	179.0	S	4.3	199.0	SSW	2.1	176.0	S	2.8	176.0	S	3.1	169.0	S	1.6	193.0	SSW	0.2	-	-
03:00 PM - 04:00 PM	0.0	-	-	2.5	169.0	S	1.8	302.0	WNW	1.6	178.0	S	0.2	-	-	1.2	180.0	S	0.3	153.0	SSE
04:00 PM - 05:00 PM	1.9	163.0	SSE	1.9	200.0	SSW	1.7	104.0	ESE	0.9	174.0	S	0.9	188.0	S	1.0	138.0	SE	1.1	180.0	S
05:00 PM - 06:00 PM	0.9	284.0	WNW	0.2	-	-	0.2	-	-	1.1	144.0	SE	0.8	183.0	S	1.4	195.0	SSW	0.3	352.0	N
06:00 PM - 07:00 PM	0.3	307.0	NW	0.7	177.0	S	0.8	171.0	S	0.6	168.0	SSE	1.4	150.0	SSE	1.8	190.0	S	0.7	137.0	SE
07:00 PM - 08:00 PM	0.4	328.0	NNW	0.6	166.0	SSE	1.2	159.0	SSE	0.4	173.0	S	0.3	197.0	SSW	1.4	185.0	S	1.0	133.0	SE
08:00 PM - 09:00 PM	0.2	-	-	0.4	175.0	S	0.8	175.0	S	0.8	169.0	S	0.4	155.0	SSE	0.8	162.0	SSE	1.1	150.0	SSE
09:00 PM - 10:00 PM	0.3	213.0	SSW	0.2	-	-	0.6	179.0	S	1.0	182.0	S	0.5	178.0	S	0.6	178.0	S	1.8	300.0	WNW
10:00 PM - 11:00 PM	0.2	-	-	0.1	-	-	0.4	183.0	S	0.6	177.0	S	0.4	183.0	S	1.0	184.0	S	0.4	190.0	S
11:00 PM - 12:00 AM	0.2	-	-	0.2	-	-	0.2	-	-	0.2	-	-	0.6	167.0	SSE	0.4	182.0	S	0.6	176.0	S
12:00 AM - 01:00 AM	0.4	175.0	S	0.3	176.0	S	0.1	-	-	0.4	178.0	S	0.2	-	-	1.0	181.0	S	0.4	175.0	S
01:00 AM - 02:00 AM	0.6	171.0	S	0.2	-	-	0.6	183.0	S	0.2	-	-	0.8	178.0	S	0.6	187.0	S	0.2	-	-
02:00 AM - 03:00 AM	0.2	-	-	0.4	182.0	S	0.4	183.0	S	0.6	181.0	S	0.5	185.0	S	0.2	-	-	0.8	180.0	S
03:00 AM - 04:00 AM	0.4	172.0	S	0.2	-	-	0.6	178.0	S	0.4	181.0	S	0.8	180.0	S	0.4	181.0	S	0.2	-	-
04:00 AM - 05:00 AM	0.2	-	-	0.4	174.0	S	0.8	179.0	S	1.0	189.0	S	1.0	192.0	SSW	1.0	177.0	S	0.4	182.0	S
05:00 AM - 06:00 AM	0.4	174.0	S	1.0	176.0	S	1.0	174.0	S	1.2	185.0	S	1.2	187.0	S	1.4	181.0	S	0.8	188.0	S
06:00 AM - 07:00 AM	1.2	170.0	S	1.6	176.0	S	1.4	187.0	S	1.0	183.0	S	2.0	193.0	SSW	2.0	173.0	S	1.0	185.0	S
07:00 AM - 08:00 AM	1.6	177.0	S	2.0	182.0	S	2.0	183.0	S	0.3	184.0	S	2.2	186.0	S	2.2	177.0	S	1.3	184.0	S
08:00 AM - 09:00 AM	2.2	171.0	S	1.0	175.0	S	1.8	185.0	S	0.7	181.0	S	1.0	190.0	S	2.4	179.0	S	2.0	184.0	S
09:00 AM - 10:00 AM	1.8	175.0	S	1.8	183.0	S	0.8	190.0	S	1.3	179.0	S	1.0	194.0	SSW	1.0	178.0	S	2.4	185.0	S
10:00 AM - 11:00 AM	1.5	179.0	S	1.6	172.0	S	0.2	-	-	0.3	171.0	S	1.8	168.0	SSE	0.9	178.0	S	2.2	157.0	SSE
11:00 AM - 12:00 PM	0.5	158.0	SSE	1.2	206.0	SSW	1.0	197.0	SSW	0.9	181.0	S	2.6	175.0	S	0.4	186.0	S	1.0	181.0	S
12:00 PM - 01:00 PM	1.0	189.0	S	1.0	171.0	S	0.3	184.0	S	1.0	162.0	SSE	2.0	54.0	NE	0.1	-	-	1.2	177.0	S

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 Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

P/O :

Project Name : Prachinburi

Project Location :

Lot ID : 2338084

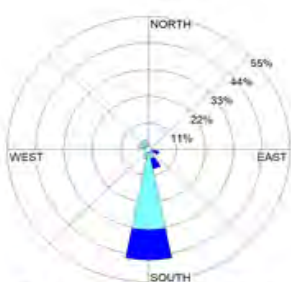
Date Received : May 08, 2023

Date Reported : May 15, 2023

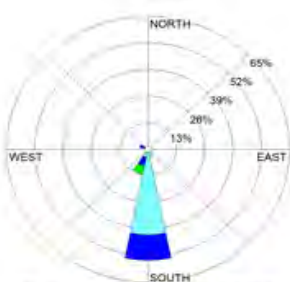
Report Number : 2635696-1

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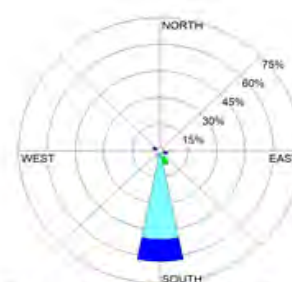
### Wind Rose



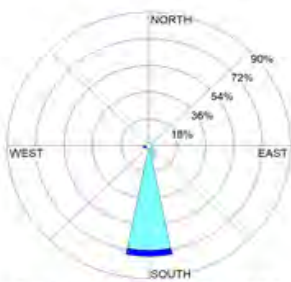
Date : Apr 28-29, 2023



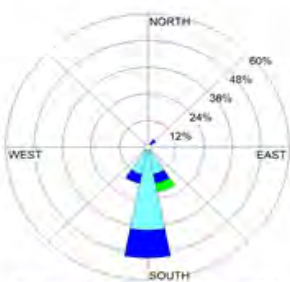
Date : Apr 29-30, 2023



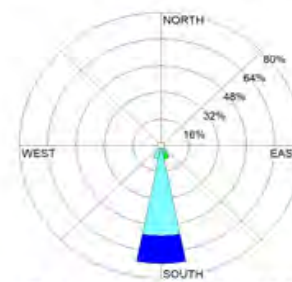
Date : Apr 30-May 01, 2023



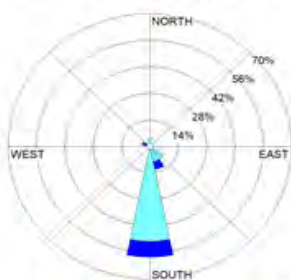
Date : May 01-02, 2023



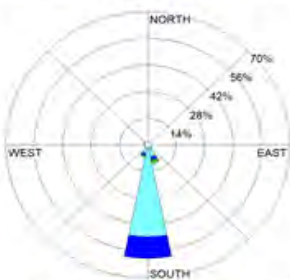
Date : May 02-03, 2023



Date : May 03-04, 2023



Date : May 04-05, 2023



Date : Apr 28-May 05, 2023

	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	18.45
	0.3-1.7	64.29
	Calms	14.88

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Approved by

Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID : 2338084  
Date Received : May 08, 2023  
Date Reported : May 15, 2023  
Report Number : 2635696-1

Page 1 of 2

Sample Number : 2338084-15 to 21  
Parameter : Wind Speed / Wind Direction  
Location : วัดหนองห้วย (A3)  
Sampling Date : Apr 28 - May 05, 2023  
Sampling by : Nontachai Uppathamp

Time	Apr 28 - Apr 29, 2023			Apr 29 - Apr 30, 2023			Apr 30 - May 01, 2023			May 01 - May 02, 2023			May 02 - May 03, 2023			May 03 - May 04, 2023			May 04 - May 05, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
02:00 PM - 03:00 PM	1.6	323.0	NW	1.2	241.0	WSW	0.4	274.0	W	0.4	284.0	WNW	0.0	-	-	0.0	-	-	0.4	162.0	SSE
03:00 PM - 04:00 PM	0.2	-	-	2.0	320.0	NW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
04:00 PM - 05:00 PM	0.5	354.0	N	0.3	271.0	W	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
05:00 PM - 06:00 PM	0.9	126.0	SE	0.9	112.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
06:00 PM - 07:00 PM	0.0	-	-	0.2	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.6	99.0	E	0.2	-	-	0.0	-	-	0.9	326.0	NW	0.0	-	-	0.0	-	-	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.9	335.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.3	118.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.5	98.0	E	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.7	95.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.2	-	-	0.3	335.0	NNW	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.4	330.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.6	320.0	NW	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-
05:00 AM - 06:00 AM	0.0	-	-	1.3	349.0	N	0.7	120.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.9	334.0	NNW	0.9	322.0	NW	0.4	81.0	E	0.2	-	-	0.0	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.4	96.0	E	1.4	325.0	NW	0.5	324.0	NW	0.4	169.0	S	0.5	177.0	S	0.0	-	-	0.2	-	-
08:00 AM - 09:00 AM	0.3	85.0	E	0.5	134.0	SE	0.8	136.0	SE	0.4	307.0	NW	0.5	0.0	N	0.0	-	-	0.4	279.0	W
09:00 AM - 10:00 AM	0.7	278.0	W	0.0	-	-	0.8	137.0	SE	0.0	-	-	2.2	240.0	WSW	0.0	-	-	1.3	339.0	NNW
10:00 AM - 11:00 AM	0.8	233.0	SW	0.6	167.0	SSE	0.8	324.0	NW	0.1	-	-	0.4	213.0	SSW	0.0	-	-	0.9	303.0	WNW
11:00 AM - 12:00 PM	1.6	138.0	SE	0.0	-	-	0.7	329.0	NNW	0.1	-	-	0.2	-	-	0.0	-	-	1.2	235.0	SW
12:00 PM - 01:00 PM	1.1	128.0	SE	0.3	78.0	ENE	0.1	-	-	0.8	125.0	SE	0.1	-	-	0.0	-	-	0.9	304.0	NW
01:00 PM - 02:00 PM	2.0	329.0	NNW	0.0	-	-	3.2	353.0	N	0.0	-	-	0.0	-	-	0.6	214.0	SW	1.2	160.0	SSE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID : 2338084  
Date Received : May 08, 2023  
Date Reported : May 15, 2023  
Report Number : 2635696-1

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### Wind Rose



Date : Apr 28-29, 2023



Date : Apr 29-30, 2023



Date : Apr 30-May 01, 2023



Date : May 01-02, 2023



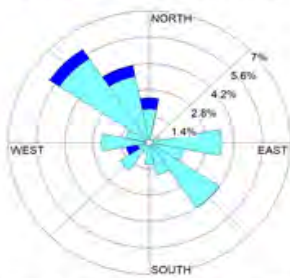
Date : May 02-03, 2023



Date : May 03-04, 2023



Date : May 04-05, 2023



Date : Apr 28-May 05, 2023

	WS(m/s)	%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.00
	3.3-5.5	0.00
	1.7-3.3	2.38
	0.3-1.7	30.36
	Calms	67.26

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Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID : 2338084  
Date Received : May 08, 2023  
Date Reported : May 15, 2023  
Report Number : 2635696-1

Page 1 of 2

Sample Number : 2338084-22 to 28  
Parameter : Wind Speed / Wind Direction  
Location : วัดหนองเกตุ (A4)  
Sampling Date : Apr 28 - May 05, 2023  
Sampling by : Nontachai Uppathamp

Time	Apr 28 - Apr 29, 2023			Apr 29 - Apr 30, 2023			Apr 30 - May 01, 2023			May 01 - May 02, 2023			May 02 - May 03, 2023			May 03 - May 04, 2023			May 04 - May 05, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
09:00 AM - 10:00 AM	0.6	226.0	SW	1.0	173.0	S	2.2	101.0	E	0.9	106.0	ESE	2.0	136.0	SE	1.7	130.0	SE	1.9	184.0	S
10:00 AM - 11:00 AM	0.5	219.0	SW	2.8	75.0	ENE	1.3	71.0	ENE	1.1	208.0	SSW	1.3	133.0	SE	1.6	201.0	SSW	1.7	138.0	SE
11:00 AM - 12:00 PM	1.8	194.0	SSW	2.0	323.0	NW	0.2	-	-	4.5	335.0	NNW	2.5	146.0	SE	1.9	116.0	ESE	1.7	189.0	S
12:00 PM - 01:00 PM	1.0	267.0	W	1.1	333.0	NNW	0.9	310.0	NW	1.0	307.0	NW	0.0	-	-	1.3	195.0	SSW	2.5	210.0	SSW
01:00 PM - 02:00 PM	1.0	357.0	N	0.3	138.0	SE	0.8	143.0	SE	0.4	59.0	ENE	0.0	-	-	2.1	208.0	SSW	1.5	158.0	SSE
02:00 PM - 03:00 PM	1.7	103.0	ESE	0.2	-	-	0.3	144.0	SE	0.0	-	-	0.3	188.0	S	1.2	151.0	SSE	1.3	161.0	SSE
03:00 PM - 04:00 PM	0.6	102.0	ESE	0.3	24.0	NNE	0.0	-	-	0.5	87.0	E	0.9	120.0	ESE	0.0	-	-	0.4	139.0	SE
04:00 PM - 05:00 PM	0.7	101.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	3.0	125.0	SE	0.6	131.0	SE
05:00 PM - 06:00 PM	0.2	-	-	0.0	-	-	0.0	-	-	0.8	350.0	N	0.0	-	-	0.3	140.0	SE	0.7	138.0	SE
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.8	151.0	SSE
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	125.0	SE
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	156.0	SSE	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.6	75.0	ENE	0.4	92.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.5	206.0	SSW
03:00 AM - 04:00 AM	0.0	-	-	1.2	6.0	N	0.5	312.0	NW	0.7	83.0	E	0.2	-	-	0.8	210.0	SSW	0.9	177.0	S
04:00 AM - 05:00 AM	0.0	-	-	2.1	352.0	N	0.7	339.0	NNW	0.7	140.0	SE	0.3	234.0	SW	0.5	197.0	SSW	0.1	-	-
05:00 AM - 06:00 AM	0.0	-	-	1.3	32.0	NNE	0.4	35.0	NE	0.4	197.0	SSW	1.1	220.0	SW	1.5	148.0	SSE	0.5	222.0	SW
06:00 AM - 07:00 AM	0.9	193.0	SSW	2.4	33.0	NNE	0.7	19.0	NNE	1.0	143.0	SE	1.1	160.0	SSE	2.5	155.0	SSE	0.7	155.0	SSE
07:00 AM - 08:00 AM	1.9	201.0	SSW	2.0	86.0	E	3.2	119.0	ESE	0.7	83.0	E	0.1	-	-	1.7	208.0	SSW	0.8	159.0	SSE
08:00 AM - 09:00 AM	2.0	199.0	SSW	1.3	128.0	SE	0.8	101.0	E	0.3	105.0	ESE	1.1	207.0	SSW	2.4	127.0	SE	1.1	208.0	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 Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID : 2338084  
Date Received : May 08, 2023  
Date Reported : May 15, 2023  
Report Number : 2635696-1

Page 2 of 2

### Wind Rose



Date : Apr 28-29, 2023



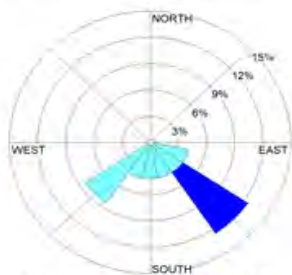
Date : Apr 29-30, 2023



Date : Apr 30-May 01, 2023



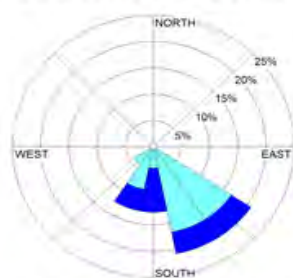
Date : May 01-02, 2023



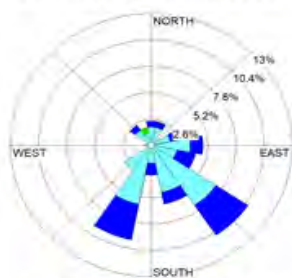
Date : May 02-03, 2023



Date : May 03-04, 2023



Date : May 04-05, 2023



Date : Apr 28-May 05, 2023

	WS(m/s)	%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.00
	3.3-5.5	0.60
	1.7-3.3	14.87
	0.3-1.7	38.10
	Calms	46.43

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

Approved by

Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338085**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613493-1

Page 1 of 1

<b>Sample Description</b>	Air Quality
<b>Location</b>	วัดโคกอุดมดี (A1)
<b>Date Analysis Commenced</b>	May 10, 2023
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2338085-1	Apr 28 - Apr 29, 2023	0.058	0.021	754	34
2338085-2	Apr 29 - Apr 30, 2023	0.068	0.025	754	33
2338085-3	Apr 30 - May 01, 2023	0.042	0.024	754	33
2338085-4	May 01 - May 02, 2023	0.050	0.032	754	32
2338085-5	May 02 - May 03, 2023	0.048	0.017	754	32
2338085-6	May 03 - May 04, 2023	0.041	0.019	754	33
2338085-7	May 04 - May 05, 2023	0.045	0.020	754	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Nontachai Uppathamp

### Remark :

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

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338085**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613493-2

Page 1 of 1

<b>Sample Description</b>	Air Quality
<b>Location</b>	วัดคลองสมบูรณ์ (A2)
<b>Date Analysis Commenced</b>	May 10, 2023
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2338085-8	Apr 28 - Apr 29, 2023	0.101	0.038	754	34
2338085-9	Apr 29 - Apr 30, 2023	0.056	0.045	754	33
2338085-10	Apr 30 - May 01, 2023	0.045	0.036	754	33
2338085-11	May 01 - May 02, 2023	0.058	0.053	754	32
2338085-12	May 02 - May 03, 2023	0.064	0.044	754	32
2338085-13	May 03 - May 04, 2023	0.050	0.035	754	33
2338085-14	May 04 - May 05, 2023	0.053	0.035	754	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Nontachai Uppathamp

### Remark :

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

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338085**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613493-3

Page 1 of 1

<b>Sample Description</b>	Air Quality
<b>Location</b>	วัดหนองห้วย (A3)
<b>Date Analysis Commenced</b>	May 10, 2023
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2338085-15	Apr 28 - Apr 29, 2023	0.059	0.050	754	34
2338085-16	Apr 29 - Apr 30, 2023	0.077	0.045	754	33
2338085-17	Apr 30 - May 01, 2023	0.062	0.049	754	33
2338085-18	May 01 - May 02, 2023	0.067	0.039	754	32
2338085-19	May 02 - May 03, 2023	0.043	0.035	754	32
2338085-20	May 03 - May 04, 2023	0.047	0.033	754	33
2338085-21	May 04 - May 05, 2023	0.041	0.031	754	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Nontachai Uppathamp

### Remark :

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

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338085**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2613493-4

Page 1 of 1

<b>Sample Description</b>	Air Quality
<b>Location</b>	วัดหนองเกตุ (A4)
<b>Date Analysis Commenced</b>	May 10, 2023
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2338085-22	Apr 28 - Apr 29, 2023	0.064	0.042	754	34
2338085-23	Apr 29 - Apr 30, 2023	0.074	0.044	754	33
2338085-24	Apr 30 - May 01, 2023	0.068	0.041	754	33
2338085-25	May 01 - May 02, 2023	0.061	0.043	754	32
2338085-26	May 02 - May 03, 2023	0.058	0.038	754	32
2338085-27	May 03 - May 04, 2023	0.054	0.032	754	33
2338085-28	May 04 - May 05, 2023	0.059	0.032	754	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Nontachai Uppathamp

### Remark :

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

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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# ภาคผนวก ค-2

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ใบเสนอราคา AQMS

เรียน : คุณสุนันดา แจ่มมิน  
 หน่วยงาน : สวนอุตสาหกรรมโรจนะ  
 โทรศัพท์ : 089-137-9409  
 โทรสาร :  
 Email : sunanta@rohana.com

**ใบเสนอราคา**

เลขที่ : QPH/ESB/408/15  
 วันที่ : 17 สิงหาคม 2558

บริษัทฯ มีความยินดีเสนอราคาสินค้าและบริการดังรายการต่อไปนี้

ลำดับ	จำนวน	รายละเอียด	ราคาหน่วย	จำนวนเงิน
บาท				
1.	1 สถานี	สถานีตรวจวัดคุณภาพอากาศ (Air Quality Monitoring Station)		
		ประกอบด้วย :		
		เครื่องตรวจวัดคุณภาพอากาศในบรรยากาศ		
	1 ชุด	- เครื่องตรวจวัดฝุ่นละอองขนาดไม่เกิน 100 ไมครอน (TSP)		
	1 ชุด	- เครื่องตรวจวัดฝุ่นละอองขนาดไม่เกิน 10 ไมครอน (PM-10)		
	1 ชุด	- เครื่องตรวจวัดก๊าซซัลเฟอร์ไดออกไซด์ (SO2) รุ่น T100 ยี่ห้อ Teledyne API		
	1 ชุด	- เครื่องตรวจวัดก๊าซออกไซด์ของไนโตรเจน (NO2) รุ่น T200 ยี่ห้อ Teledyne API		
2.		เครื่องวัดสภาพอากาศทางอุตุนิยมวิทยา ยี่ห้อ LSI Lastem		
	1 ชุด	- เครื่องวัดความเร็วลมและทิศทางลม รุ่น DNA827		
	1 ชุด	- เครื่องวัดอุณหภูมิและความชื้นสัมพัทธ์ รุ่น DMA875		
	1 ชุด	- เครื่องวัดความดันบรรยากาศ รุ่น DQA240.1#C		
	1 ชุด	- เครื่องวัดปริมาณน้ำฝน รุ่น DQA130#C		
3.	1 ชุด	เครื่องบันทึกข้อมูล (Data Logger) และ Software Center		
4.		ระบบปรับเทียบเครื่องตรวจวัดคุณภาพอากาศ		
	1 ชุด	- เครื่องผลิตอากาศบริสุทธิ์ รุ่น 701 ยี่ห้อ Teledyne API		
	1 ชุด	- เครื่องควบคุมการปรับเทียบด้วยก๊าซมาตรฐาน รุ่น T700 ยี่ห้อ Teledyne API		
	1 ชุด	- ก๊าซมาตรฐาน ยี่ห้อ Air Liquid และ Regulator ยี่ห้อ Concoa		
5.	1 ชุด	ระบบรั้วตัวอย่างอากาศ Sampling System		
6.		ระบบควบคุมไฟฟ้าและอุณหภูมิภายในสถานีฯ		
	1 ชุด	- ชุดควบคุมไฟฟ้า Control Air		
	1 ตัว	- ชุดสำรองไฟ UPS 5 KVA ยี่ห้อ Syndrome		
	2 ชุด	- เครื่องปรับอากาศขนาดทำความเย็นไม่น้อยกว่า 12,000 BTU ยี่ห้อ Mitsubishi		
7.	1 ชุด	ระบบสื่อสารข้อมูลแบบไร้สาย (ADSL Fix IP)		

FM01/T-MKT-(AUG.2010-REV.3)

หน้า 1 จาก 2

388 Rachadapisek Road, Chandrakasem, Chatuchak, Bangkok 10900  
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เรียน : คุณสุนันดา แจ่มมิน  
 หน่วยงาน : สวนอุตสาหกรรมโรจนะ  
 โทรศัพท์ : 089-137-9409  
 โทรสาร :  
 Email : sunanta@rohana.com

**ใบเสนอราคา**

เลขที่ : QPH/ESB/408/15  
 วันที่ : 17 สิงหาคม 2558

บริษัทฯ มีความยินดีเสนอราคาสินค้าและบริการดังรายการต่อไปนี้

ลำดับ	จำนวน	รายละเอียด	ราคาหน่วย	จำนวนเงิน
บาท				
8.	1 งาน	คำดำเนินการติดตั้งทดสอบ และดูแลการเดินตรวจวัดคุณภาพอากาศ 2 ปี		
9.	1 งาน	จัดฝึกอบรมการใช้งานเครื่องมือตรวจวัดและอุปกรณ์		
		หมายเหตุ :		
		- บริษัทฯ จะเข้าดำเนินการตรวจเช็คและปรับแต่งเครื่องมือทุก 15 วัน		
		ตลอดระยะเวลาประกัน 2 ปี		
		- ทางบริษัทฯ จะจัดหาอะไหล่และวัสดุสิ้นเปลืองสำหรับใช้งานกับ		
		เครื่องมือตรวจวัดและอุปกรณ์สำหรับระยะเวลา 2 ปี		
		- ลูกค้าจะต้องจัดหาไฟฟ้า 220 V. 1 เฟส มายังจุดติดตั้งสถานีตรวจวัดฯ		
		รวม		
		ภาษีมูลค่าเพิ่ม 7%		
		รวมทั้งสิ้น		
		(ห้าล้านหกแสนสองหมื่นเจ็ดร้อยสิบบาทถ้วน)		

กำหนดส่งมอบภายใน 150 วัน นับจากวันที่ได้รับใบสั่งซื้อ กำหนดระยะเวลาภายใน 30 วัน นับแต่วันที่เสนอราคา  
 กำหนดการชำระเงิน 30 วัน การรับประกัน - ปี  
 หากต้องการข้อมูลเพิ่มเติมโปรดติดต่อ คุณไพโรจน์ โทร : 0-2515-8902 มือถือ : 089-688-7596  
 หมายเหตุ: หากมีการยกเลิกการสั่งซื้อภายหลังที่ไม่ได้การบอกใบแจ้งให้กับบริษัทฯ แล้ว บริษัทฯ จะคิดค่าธรรมเนียม Re Stocking fee 25% ของมูลค่าทั้งหมด

จัดทำโดย: (นางสาวสินันท์ พงษ์ทอง)  
 เลขานุการแผนกขาย  
 อนุมัติโดย: (นางสาวจิรภา เจริญสุข)  
 ผู้จัดการแผนกขายและการตลาด  
 ตรวจสอบโดย: (นายไพโรจน์ นอมเพ็ชร)  
 หัวหน้าวิศวกรแผนกขาย

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หัวข้องาน บอ. มาตรฐานการตรวจประเมินโรงงาน			วันที่ / Date : 3 พฤศจิกายน 2559		
เรื่อง คุณฐานันท์ สอนาน			ใบเสนอราคาขอซื้อ / Quotation No. Q25900380		
เรื่อง / Subject : เสาอากาศดาวเทียมตรวจวัดคุณภาพอากาศในบรรยากาศ			ที่อยู่ / Address : 88 ม.11 ค.หัวหว้า อ.ศรีมหาโพธิ์ อ.ปรางค์บุรี 25140		
ติดต่อ/Attention: คุณฐานันท์ สอนาน					
โทรศัพท์ : 089-137-9409					
โทรสาร : -					
E-Mail : <a href="mailto:snan@jiranatee.com">snan@jiranatee.com</a>					
ลำดับที่	จำนวน	หน่วย	รายการ	ราคาหน่วย	ราคารวม
1	1	Station	<p>สถานีตรวจวัดคุณภาพอากาศในบรรยากาศ</p> <ul style="list-style-type: none"> <li>- บริเวณสำนักงานโครงการรวมอุตสาหกรรมโรงงาน ปรางค์บุรี ประกอบด้วย</li> <li>- เครื่องวัดระดมคุณภาพอากาศ</li> <li>- เครื่องตรวจวัดก๊าซ SO<sub>2</sub> รุ่น APSA-370 ซีพีดี HORMA</li> <li>- เครื่องตรวจวัดก๊าซ NO/NO<sub>2</sub>/NO<sub>x</sub> รุ่น APNA-370 ซีพีดี HORMA</li> <li>- เครื่องวัดปริมาณฝุ่น TSP แบบอัตโนมัติ รุ่น ADPA-371 ซีพีดี HORMA</li> <li>- เครื่องวัดปริมาณฝุ่น PM<sub>10</sub> แบบอัตโนมัติ รุ่น ADPA-371 ซีพีดี HORMA</li> <li>- เครื่องมือวัดทางอุตุนิยมวิทยา ยี่ห้อ LSI ประกอบด้วย                         <ul style="list-style-type: none"> <li>- เซ็นเซอร์วัดความเร็วลม</li> <li>- เซ็นเซอร์วัดทิศทางลม</li> <li>- เซ็นเซอร์วัดอุณหภูมิในบรรยากาศ</li> <li>- เซ็นเซอร์วัดความชื้นในบรรยากาศ</li> <li>- เซ็นเซอร์วัดความดันบรรยากาศ</li> <li>- เซ็นเซอร์วัดปริมาณน้ำฝน</li> </ul> </li> </ul> <p>- เครื่องมือประเมินความถูกต้องเครื่องมือวิเคราะห์ก๊าซ ยี่ห้อ Enviroconics</p> <p>- ระบบประมวลผลข้อมูล</p> <p>- ก๊าซมาตรฐานวัด ขนาด 3.60*3.00*2.00 เมตร (ก * ย * ล) พร้อมโครงสร้างฐานราก พร้อมและติดตั้งมิเตอร์สูง 10 เมตร</p> <p>- ระบบสื่อสารไร้สายและคอมพิวเตอร์</p> <p>- ค่าประกอบและการตรวจและอุปกรณ์ส่งมอบติดตั้ง</p>		

กรุณาดำเนินส่งซื้อโดยเจ้าหน้าที่หรือมอบให้ตัวแทนบริษัท

แล้วส่ง Fax.กลับ 02-868-0860

ลงชื่อ \_\_\_\_\_

วันที่ \_\_\_\_\_



หัวข้องาน บอ. มาตรฐานการตรวจประเมินโรงงาน			วันที่ / Date : 3 พฤศจิกายน 2559		
เรื่อง คุณฐานันท์ สอนาน			ใบเสนอราคาขอซื้อ / Quotation No. Q25900380		
เรื่อง / Subject : เสาอากาศดาวเทียมตรวจวัดคุณภาพอากาศในบรรยากาศ			ที่อยู่ / Address : 88 ม.11 ค.หัวหว้า อ.ศรีมหาโพธิ์ อ.ปรางค์บุรี 25140		
ติดต่อ/Attention: คุณฐานันท์ สอนาน					
โทรศัพท์ : 089-137-9409					
โทรสาร : -					
E-Mail : <a href="mailto:snan@jiranatee.com">snan@jiranatee.com</a>					
ลำดับที่	จำนวน	หน่วย	รายการ	ราคาหน่วย	ราคารวม
			<p>โดยมีรายละเอียดตาม BOQ PO25900380</p> <p>รับประกันเครื่องและสถานีพร้อมการบำรุงรักษาเป็นระยะเวลา 2 ปี</p> <p>พร้อมอะไหล่สำรองการทางตลอดระยะเวลา 2 ปี</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>กรุณาดำเนินส่งซื้อโดยเจ้าหน้าที่หรือมอบให้ตัวแทนบริษัท</p> <p>แล้วส่ง Fax.กลับ 02-868-0860</p> <p>ลงชื่อ _____</p> <p>วันที่ _____</p> </div>		
รับแปลมาตรฐานการประเมินโรงงาน ตามที่ระบุ ISO 9001 : 2008				ราคาเฉลี่ย Sub Total	
พิกัดทางเลข				จำนวน	
เบอร์โทรศัพท์ 081-983-8571 E-mail : <a href="mailto:prapunit@jiranatee.com">prapunit@jiranatee.com</a>				จำนวน	
ข้อมูลแบบแผนการที่พร้อมติดกับใบเสนอราคา				จำนวนค่าภาษี 7 %/ VAT	
				จำนวนเงินสุทธิ / Total Amount	
กำหนดเงินมัดจำ 30 วัน			กำหนดส่งมอบ 120 วัน	เงื่อนไขการชำระเงิน :	
				: 10% เมื่อมีการทำสัญญา	
				: 70% เมื่อได้รับสินค้า และทดสอบเรียบร้อยแล้ว	
				: 20% แบ่งจ่ายเป็นรายเดือนจนครบสัญญาประกัน	
				ในขณะสัญญา	
<p>บริษัทฯ ทรัพย์สินและสิ่งของในโครงการนี้ จะได้รับการดูแลรักษาโดยบริษัทฯ ตลอดทั้งโครงการ</p> <p>หากมีการชำรุดเสียหายใดๆ กรุณาแจ้ง บริษัท จิรนาที แอสโซซิเอตส์ จำกัด โทร 081-907-0145 <a href="http://www.jiranatee.com">www.jiranatee.com</a></p> <p>หมายเหตุ: หากมีการยกเลิกการสั่งซื้อภายหลังที่ได้รับการออกใบสั่งซื้อแล้ว บริษัทฯ ขอเก็บค่าธรรมเนียม 50% ของมูลค่าทั้งหมด</p>					
<p>จัดพิมพ์โดย : <b>ก้องเกียรติ</b> (นักเขียน/นักเขียน)</p> <p>Sales Coordinator</p>			<p>อนุมัติโดย : <b>อ.ป.อ.</b> (นายอ.วิชัย เบื้องต้น)</p> <p>Marketing Manager</p>		
<p>63/14-15 เพชรเกษม 7 ถนนเพชรเกษม แขวงวัดท่าพระ เขตบางกอกใหญ่ กรุงเทพฯ 10600</p> <p><a href="http://www.jiranatee.com">www.jiranatee.com</a> Tel.02-868-0812-13 Fax. 02-8681889</p>					



บริษัท จิรนาที แอสโซซิเอตส์ จำกัด  
JIRANATEE ASSOCIATES CO.,LTD.

63/14-15 เพชรเกษม 7 ถนนเพชรเกษม แขวงวัดท่าพระ เขตบางกอกใหญ่ กรุงเทพฯ 10600 โทร : (66) 0-2668-0812-3 แฟกซ์ : (66) 0-2668-1889, (66) 0-2668-0860  
63/14-15 Soi Perichayon, Perichayon Rd., Wattana, Bangkok 10600, Thailand Tel : (66) 0-2668-0812-3 Fax : (66) 0-2668-1889, (66) 0-2668-0860



หน่วยงาน	บอ. ชวนดูผลการตรวจโรจนะ ประเด็นบุรี		วันที่ / Date :	3 พฤศจิกายน 2559	
เรียน	คุณสุภัทรา เก่งมณี		ใบเสนอราคาเลขที่ / Quotation No.	Q25900394	
เรื่อง / Subject :	งานดูแลและบำรุงรักษาสถานีตรวจวัดคุณภาพอากาศในบรรยากาศ		ที่อยู่ / Address :	88 น.11 ค.เวียงหวี	
ติดต่อ/Attention:	คุณสุภัทรา เก่งมณี			อ.ศรีมหาโพธิ์ อ.ปัว จังหวัดน่าน	
โทรศัพท์ :	089-137-9489			25140	
โทรสาร :	-				
E-Mail :	สมหมาย.เก่งมณี@jiranatee.co.th				
ลำดับที่	จำนวน	หน่วย	รายละเอียด	ราคา/หน่วย	รวมรวม
1	1	Station	<p>งานดูแลและบำรุงรักษาสถานีตรวจวัดคุณภาพอากาศในบรรยากาศ</p> <p>ระยะเวลา 3 ปี ต่อเนื่องจากงานก่อสร้างและติดตั้งสถานีตรวจวัด</p> <p>ตามใบเสนอราคา Q25900380</p> <p>: ค่าอะไหล่และวัสดุวัสดุสิ้นเปลือง</p> <p>: ค่าดูแล บำรุงรักษา สถานี พร้อมการจัดทำรายงานข้อมูลผลการตรวจวัด</p> <p>โดยมีรายละเอียดตาม PQD Q25900394</p> <p>* รับประกันปริมาณเชื้อเพลิงการตรวจวัดมากกว่า 85%</p> <p>** ราคาอะไหล่ และวัสดุ อาจมีการเปลี่ยนแปลง ขึ้นอยู่กับปริมาณ ชนิด ราคาต้นทุนสินค้า จากบริษัทผู้ผลิต และอัตราแลกเปลี่ยน</p>		
			<p>กรุณาเขียนใบสั่งซื้อโดยเขียนชื่อหรือประทับตราบริษัท</p> <p>แล้วส่ง Fax. กลับ 02-968-0860</p> <p>ลงชื่อ.....</p> <p>วันที่.....</p>		
<p>รับประกันคุณภาพสินค้าและบริการ ภายในระบบ ISO 9001 : 2008</p> <p>พนักงานขาย นายประเสริฐ วังศิริคุณุเคราะห์</p> <p>เบอร์โทรศัพท์ 081-983-8571 E-mail : prapatt@jiranatee.com</p> <p>หนังสือแนบตามฟอร์มใบเสนอราคาแนบเอกสารแนบ</p>			<p>รวมเงิน Sub Total</p> <p>ส่วนลด</p> <p>หลังหักส่วนลด</p> <p>ภาษีมูลค่าเพิ่ม 7 %/ VAT</p> <p>จำนวนเงินสุทธิ / Total Amount</p>		

กำหนดการราคา : 30 วัน

กำหนดส่งมอบ : ตามข้อตกลงกับทางบริษัท

เงื่อนไขการชำระเงิน : ตามข้อตกลงกับทางบริษัท

บริษัทฯ หวังเป็นอย่างยิ่งที่จะได้รับโอกาสในการสั่งซื้อจากท่าน ขอแสดงความนับถือ โดกสินธุ์

สำหรับการซื้อสินค้าที่มีมูลค่าตั้งแต่ 10,000 บาท กรุณาแจ้งชื่อลูกค้าและเบอร์โทรศัพท์ 081-907-0143 www.jiranatee.com

หมายเหตุ: หากมีการยกเลิกการสั่งซื้อก่อนการส่งมอบสินค้า กรุณาแจ้งชื่อลูกค้าและเบอร์โทรศัพท์ 081-907-0143 หรือ Re-Stocking fee 50% ของมูลค่าทั้งหมด

จัดทำโดย :   
(นางสาว เชิญขวัญใจ)

Sales Coordinator



อนุมัติโดย :   
(นายวชิร วัฒนพานิช)

Marketing Manager

63/14-15 เพชรเกษม 7 ถนนเพชรเกษม แขวงวัดท่าพระ เขตบางกอกใหญ่ กรุงเทพฯ 10600  
www.jiranatee.com Tel.02-868-0812-13 Fax 02-8681889

การดำเนินการติดตั้งสถานีตรวจวัดคุณภาพอากาศแบบต่อเนื่อง (AQMS)  
ที่โครงการเขตประกอบการอุตสาหกรรมโรจนะระยอง (ส่วนขยายครั้งที่ 1)



## ภาคผนวก ค-3

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คุณภาพน้ำเข้าและออกจากระบบบำบัด





## 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 :** โครงการสวนอุตสาหกรรมโรจนะปราชิน

**Project Location :** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560992-1

Page 1 of 2

<b>Sample Number</b>	231309-3					
<b>Sampled Date</b>	Jan 27, 2023 11:40 AM					
<b>Sample Description</b>	Wastewater					
<b>Location</b>	Influent					
<b>Date Analysis Commenced</b>	Jan 27, 2023					
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	6.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	46	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	Wastewater Analysis	Rayong
pH at 25 degree C *		-	-	7.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	26.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	360	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	35.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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

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

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## 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 :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location :** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560992-1

Page 2 of 2

**Sampling By :** Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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

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

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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

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location :** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560992-2

Page 1 of 2

<b>Sample Number</b>	231309-3
<b>Sampled Date</b>	Jan 27, 2023 11:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Jan 30, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management

Nanthawadee Somboon  
Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560992-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location :** WTP

Page 2 of 2

<b>Sample Number</b>	231309-3					
<b>Sampled Date</b>	Jan 27, 2023 11:40 AM					
<b>Sample Description</b>	Wastewater					
<b>Location</b>	Influent					
<b>Date Analysis Commenced</b>	Jan 30, 2023					
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

**Sampling By :** Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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 :** โครงการสวนอุตสาหกรรมโรจนาประชาน

**Project Location :** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560992-3

Page 1 of 1

<b>Sample Number</b>	231309-3					
<b>Sampled Date</b>	Jan 27, 2023 11:40 AM					
<b>Sample Description</b>	Wastewater					
<b>Location</b>	Influent					
<b>Date Analysis Commenced</b>	Jan 27, 2023					
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.33	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	153	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.002	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Pitthaya Thongtaeng , Panupong Manit

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location:** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560993-1

Page 1 of 2

**Sample Number** 231309-4  
**Sampled Date** Jan 27, 2023 12:05 PM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Jan 27, 2023  
**Condition of Sample** Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	38	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Rayong
pH at 25 degree C *		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	25.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560993-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location:** WTP

Page 2 of 2

**Sample Number** 231309-4  
**Sampled Date** Jan 27, 2023 12:05 PM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Jan 27, 2023  
**Condition of Sample** Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	556	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	5.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	15	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

**Sampling By :** Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0009

Lot ID: 231309

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560993-2

Client : Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

P/O :

Project Name : โครงการสวนอุตสาหกรรมโรจนะปราชิน

Project Location : WTP

Page 1 of 2

Sample Number	231309-4
Sampled Date	Jan 27, 2023 12:05 PM
Sample Description	Wastewater
Location	Effluent
Date Analysis Commenced	Jan 30, 2023
Condition of Sample	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.19	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.34	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

Technical Management

*Nant Somb*

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

*Kanokkorn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560993-2

**P/O :**

**Project Name** : โครงการสวนอุตสาหกรรมโรจนะปราชิน

**Project Location** : WTP

Page 2 of 2

**Sample Number** : 231309-4  
**Sampled Date** : Jan 27, 2023 12:05 PM  
**Sample Description** : Wastewater  
**Location** : Effluent  
**Date Analysis Commenced** : Jan 30, 2023  
**Condition of Sample** : Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.05	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.63	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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** : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

*Nant Somb*

Nanthawadee Somboon  
Specialist 1  
ทะเบียนเลขที่ ว-204-จ-4716

Approved by

*Kanok Korn Anek*

Kanokkorn Anek  
Senior Manager  
ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีน

**Project Location:** WTP

**Lot ID: 231309**

Date Received : Jan 27, 2023

Date Reported : Feb 07, 2023

Report Number : 2560993-3

Page 1 of 2

**Sample Number** 231309-4  
**Sampled Date** Jan 27, 2023 12:05 PM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Jan 27, 2023  
**Condition of Sample** Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.02	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	135	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	<0.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	Not Detected	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	Bangkok

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

**Sampling By :** Pitthaya Thongtaeng , Panupong Manit

Remark :

Approved by

N. Banchongkit

Narumon Banchongkit  
Supervisor

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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 :** โครงการสวนอุตสาหกรรมโรจนะ ปรจันบุรี

**Project Location :**

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585894-1

Page 1 of 2

<b>Sample Number</b>	238941-3
<b>Sampled Date</b>	Feb 24, 2023 10:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	46	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 *		-	-	7.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	32.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	432	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	37.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

*N. Banngkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585894-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรจันบุรี

**Project Location :**

Page 2 of 2

<b>Sample Number</b>	238941-3
<b>Sampled Date</b>	Feb 24, 2023 10:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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 :** โครงการสวนอุตสาหกรรมโรจนะ ปรานีนบุรี

**Project Location :**

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585894-2

Page 1 of 2

<b>Sample Number</b>	238941-3
<b>Sampled Date</b>	Feb 24, 2023 10:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Feb 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	0.0007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

**Technical Management**

*Nant Somb*

Nanthawadee Somboon  
Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

**Approved by**

*Kanok Korn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585894-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรานีนบุรี

**Project Location :**

Page 2 of 2

**Sample Number** 238941-3  
**Sampled Date** Feb 24, 2023 10:25 AM  
**Sample Description** Wastewater  
**Location** Influent  
**Date Analysis Commenced** Feb 27, 2023  
**Condition of Sample** Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

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

**Remark :**

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

**Technical Management**

*Nant Somb*

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

**Approved by**

*Kanok Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585894-3

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรานีนบุรี

**Project Location :**

Page 1 of 1

<b>Sample Number</b>	238941-3
<b>Sampled Date</b>	Feb 24, 2023 10:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.16	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.24	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	206	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Tanasit Wongsachai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรจันบุรี

**Project Location :**

Page 1 of 2

<b>Sample Number</b>	238941-4
<b>Sampled Date</b>	Feb 24, 2023 10:48 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.6	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	39	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, 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 *		-	-	6.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	28.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรารจันบุรี

**Project Location :**

Page 2 of 2

<b>Sample Number</b>	238941-4
<b>Sampled Date</b>	Feb 24, 2023 10:48 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
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, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	33.5	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	23	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

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

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING  
No.0009

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

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรำจันบุรี

**Project Location :**

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-2

Page 1 of 2

**Sample Number** 238941-4  
**Sampled Date** Feb 24, 2023 10:48 AM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Feb 27, 2023  
**Condition of Sample** Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.67	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.33	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

**Technical Management**

*Nant Somb*

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

**Approved by**

*Kanok Korn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรารจันบุรี

**Project Location :**

Page 2 of 2

<b>Sample Number</b>	238941-4						
<b>Sampled Date</b>	Feb 24, 2023 10:48 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	Effluent						
<b>Date Analysis Commenced</b>	Feb 27, 2023						
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.04	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.53	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

*Nant Somb*

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

*Kanok Korn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปรารจันบุรี

**Project Location :**

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-3

Page 1 of 2

<b>Sample Number</b>	238941-4
<b>Sampled Date</b>	Feb 24, 2023 10:48 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Feb 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.18	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.45	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	172	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	0.9	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	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 :** Tanasit Wongsachai

Remark :

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะ ปราจินบุรี

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 238941**

Date Received : Feb 24, 2023

Date Reported : Mar 09, 2023

Report Number : 2585895-3

Page 2 of 2

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

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**Approved by**

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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** : โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location** : WTP

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613498-1

Page 1 of 2

<b>Sample Number</b>	2322199-3
<b>Sampled Date</b>	Mar 24, 2023 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Mar 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Rayong
pH at 25 degree C *		-	-	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	33.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	296	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	23.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613498-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

<b>Sample Number</b>	2322199-3					
<b>Sampled Date</b>	Mar 24, 2023 10:50 AM					
<b>Sample Description</b>	Wastewater					
<b>Location</b>	Influent					
<b>Date Analysis Commenced</b>	Mar 24, 2023					
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Nantawat Sarin ทะเบียนเลขที่ ว-204-จ-8596

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Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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 :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613498-2

Page 1 of 2

<b>Sample Number</b>	2322199-3
<b>Sampled Date</b>	Mar 24, 2023 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Mar 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613498-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

<b>Sample Number</b>	2322199-3
<b>Sampled Date</b>	Mar 24, 2023 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Mar 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Nantawat Sarin ทะเบียนเลขที่ ว-204-จ-8596

Remark :

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

Technical Management

*Savitree N.*

Savitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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 :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613498-3

Page 1 of 1

<b>Sample Number</b>	2322199-3
<b>Sampled Date</b>	Mar 24, 2023 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Mar 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.14	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.53	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	149	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Tanasit Wongsachai , Nantawat Sarin

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-1

Page 1 of 2

<b>Sample Number</b>	2322199-4
<b>Sampled Date</b>	Mar 24, 2023 11:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Mar 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	5.8	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	51	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, 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 *		-	-	6.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-1

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2322199-4						
<b>Sampled Date</b>	Mar 24, 2023 11:10 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	Effluent						
<b>Date Analysis Commenced</b>	Mar 24, 2023						
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	868	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	72.2	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Nantawat Sarin ทะเบียนเลขที่ ว-204-จ-8596

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-2

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 1 of 2

<b>Sample Number</b>	2322199-4
<b>Sampled Date</b>	Mar 24, 2023 11:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Mar 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	<0.0005	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.13	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.73	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0008	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	1.09	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-2

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2322199-4						
<b>Sampled Date</b>	Mar 24, 2023 11:10 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	Effluent						
<b>Date Analysis Commenced</b>	Mar 27, 2023						
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	3.77	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	0.02	≤0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	10.8	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Nantawat Sarin ทะเบียนเลขที่ ว-204-จ-8596

Remark :

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Technical Management

*Sawitree N.*

Sawitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

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

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

**TESTING**

**No.0042**

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-3

Page 1 of 2

<b>Sample Number</b>	2322199-4
<b>Sampled Date</b>	Mar 24, 2023 11:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Mar 24, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials, one amber glass bottle and nine plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.40	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	1.32	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	333	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	<0.5	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	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 :** Tanasit Wongsachai , Nantawat Sarin

Remark :

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**TESTING**

**No.0042**

**Lot ID: 2322199**

Date Received : Mar 24, 2023

Date Reported : Apr 04, 2023

Report Number : 2613499-3

Page 2 of 2

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

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Approved by

Narumon Banchongkit  
Supervisor

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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** : โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location** : WTP

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643486-1

Page 1 of 2

<b>Sample Number</b>	2336350-3
<b>Sampled Date</b>	Apr 25, 2023 2:55 PM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Apr 25, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	13.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	39	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 *		-	-	7.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	31.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	392	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	23.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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: 2336350**

Date Received : Apr 25, 2023  
Date Reported : May 08, 2023  
Report Number : 2643486-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

**Sample Number** 2336350-3  
**Sampled Date** Apr 25, 2023 2:55 PM  
**Sample Description** Wastewater  
**Location** Influent  
**Date Analysis Commenced** Apr 25, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Kardbundit Kitisupavanit ทะเบียนเลขที่ ว-204-จ-0001

Remark :

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- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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** : โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location** : WTP

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643486-2

Page 1 of 2

<b>Sample Number</b>	2336350-3
<b>Sampled Date</b>	Apr 25, 2023 2:55 PM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Apr 26, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.09	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.07	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 2336350**

Date Received : Apr 25, 2023  
Date Reported : May 08, 2023  
Report Number : 2643486-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราชินบุรี

**Project Location :** WTP

Page 2 of 2

**Sample Number** 2336350-3  
**Sampled Date** Apr 25, 2023 2:55 PM  
**Sample Description** Wastewater  
**Location** Influent  
**Date Analysis Commenced** Apr 26, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Kardbundit Kitisupavanit ทะเบียนเลขที่ ว-204-จ-0001

Remark :

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

Technical Management

*Savitree N.*

Savitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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 :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643486-3

Page 1 of 1

<b>Sample Number</b>	2336350-3
<b>Sampled Date</b>	Apr 25, 2023 2:55 PM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Apr 25, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.11	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.47	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	329	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.002	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	<0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Paramet Sattayakun , Kardbundit Kitisupavanit

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-1

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 1 of 2

<b>Sample Number</b>	2336350-4
<b>Sampled Date</b>	Apr 25, 2023 3:13 PM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Apr 25, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	17.5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	137	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, 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 *		-	-	6.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2336350-4						
<b>Sampled Date</b>	Apr 25, 2023 3:13 PM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	Effluent						
<b>Date Analysis Commenced</b>	Apr 25, 2023						
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	3088	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	25.1	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Kardbundit Kitipavanit ทะเบียนเลขที่ ว-204-จ-0001

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-2

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 1 of 2

<b>Sample Number</b>	2336350-4
<b>Sampled Date</b>	Apr 25, 2023 3:13 PM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Apr 26, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0008	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.18	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	<0.0005	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.27	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	1.69	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-2

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2336350-4						
<b>Sampled Date</b>	Apr 25, 2023 3:13 PM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	Effluent						
<b>Date Analysis Commenced</b>	Apr 26, 2023						
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	5.06	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	0.02	0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	20.1	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Kardbundit Kitisupavanit ทะเบียนเลขที่ ว-204-จ-0001

Remark :

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

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

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

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**TESTING**

**No.0042**

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-3

Page 1 of 2

**Sample Number** 2336350-4  
**Sampled Date** Apr 25, 2023 3:13 PM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Apr 25, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.33	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	1.14	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	0.0010	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	2347	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	1.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	<0.5	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	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 :** Paramet Sattayakun , Kardbundi Kitisupavanit

Remark :

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**TESTING**

**No.0042**

**Lot ID: 2336350**

Date Received : Apr 25, 2023

Date Reported : May 08, 2023

Report Number : 2643487-3

Page 2 of 2

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

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**Approved by**

Narumon Banchongkit  
Supervisor

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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 :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674845-1

Page 1 of 2

<b>Sample Number</b>	2347894-3
<b>Sampled Date</b>	May 26, 2023 10:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	May 26, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	62	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 *		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	31.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	364	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	8.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	19	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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 :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674845-1

Page 2 of 2

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

*N. Banngkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

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 :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674845-2

Page 1 of 2

<b>Sample Number</b>	2347894-3
<b>Sampled Date</b>	May 26, 2023 10:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	May 29, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.07	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanok Korn Anek

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674845-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

<b>Sample Number</b>	2347894-3
<b>Sampled Date</b>	May 26, 2023 10:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	May 29, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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 :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674845-3

Page 1 of 1

<b>Sample Number</b>	2347894-3
<b>Sampled Date</b>	May 26, 2023 10:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	May 26, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.11	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.32	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	132	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.002	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Sansoen Khuiyoksui , Panupong Manit

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-1

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 1 of 2

<b>Sample Number</b>	2347894-4
<b>Sampled Date</b>	May 26, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 26, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	5.6	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	36	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, 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 *		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-1

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2347894-4
<b>Sampled Date</b>	May 26, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 26, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	684	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	26.5	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	19	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Panupong Mani ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-2

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 1 of 2

<b>Sample Number</b>	2347894-4
<b>Sampled Date</b>	May 26, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 29, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0010	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.08	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.02	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.002	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.46	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

Technical Management

*Siriluk P.*

Siriluk Puengpang

Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

*Kanokkorn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2347894-4
<b>Sampled Date</b>	May 26, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 29, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.03	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.09	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Panupong Manit ทะเบียนเลขที่ ว-204-จ-8600

Remark :

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

Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

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

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

**TESTING**

**No.0042**

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-3

Page 1 of 2

<b>Sample Number</b>	2347894-4
<b>Sampled Date</b>	May 26, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 26, 2023
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.02	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	<0.0005	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	177	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	<0.5	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	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 :** Sansoen Khuiyoksui , Panupong Maniit

Remark :

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**TESTING**

**No.0042**

**Lot ID: 2347894**

Date Received : May 26, 2023

Date Reported : Jun 07, 2023

Report Number : 2674846-3

Page 2 of 2

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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 :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710238-1

Page 1 of 2

<b>Sample Number</b>	2357942-3
<b>Sampled Date</b>	Jun 27, 2023 10:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Jun 27, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	16.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 *		-	-	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	<0.010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	30.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	304	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	8.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

*N. Banngkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710238-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

<b>Sample Number</b>	2357942-3
<b>Sampled Date</b>	Jun 27, 2023 10:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Jun 27, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

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

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## 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** : โครงการสวนอุตสาหกรรมโรจนะปราชินบุรี

**Project Location** : WTP

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710238-2

Page 1 of 2

<b>Sample Number</b>	2357942-3
<b>Sampled Date</b>	Jun 27, 2023 10:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Jun 28, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
Arsenic	mg/L	0.0003	0.0005	0.0009	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.08	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.14	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710238-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location :** WTP

Page 2 of 2

**Sample Number** 2357942-3  
**Sampled Date** Jun 27, 2023 10:20 AM  
**Sample Description** Wastewater  
**Location** Influent  
**Date Analysis Commenced** Jun 28, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D	Bangkok

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

Remark :

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

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710238-3

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนาประชานิธิ

**Project Location :** WTP

Page 1 of 1

<b>Sample Number</b>	2357942-3
<b>Sampled Date</b>	Jun 27, 2023 10:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Influent
<b>Date Analysis Commenced</b>	Jun 27, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Metals Testing</b>						
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.09	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.58	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>						
Chloride as Cl *	mg/L	0.5	1	125	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.002	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong

**Sampling By :** Tanasit Wongsachai , Samart Khumplee

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-1

Page 1 of 2

**Sample Number** 2357942-4  
**Sampled Date** Jun 27, 2023 10:45 AM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Jun 27, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	17.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	139	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	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, 23rd ed., 2017, 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 *		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Sulfide	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Rayong

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING  
No.0042

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

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-1

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

**Sample Number** 2357942-4  
**Sampled Date** Jun 27, 2023 10:45 AM  
**Sample Description** Wastewater  
**Location** Effluent  
**Date Analysis Commenced** Jun 27, 2023  
**Condition of Sample** Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Temperature *	Degree C	-	-	31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	4248	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	6.3	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	13	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## Analysis / Test Report

TESTING

No.0009

Lot ID: 2357942

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-2

Client : Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

P/O :

Project Name : โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

Project Location : WTP

Page 1 of 2

Sample Number	2357942-4
Sampled Date	Jun 27, 2023 10:45 AM
Sample Description	Wastewater
Location	Effluent
Date Analysis Commenced	Jun 28, 2023
Condition of Sample	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0007	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.31	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.28	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-2

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 2 of 2

<b>Sample Number</b>	2357942-4
<b>Sampled Date</b>	Jun 27, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Jun 28, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	4.17	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	1.25	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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 :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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Technical Management

*Sawitree N.*

Sawitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-3

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

Page 1 of 2

<b>Sample Number</b>	2357942-4
<b>Sampled Date</b>	Jun 27, 2023 10:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	Jun 27, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one amber glass bottle, eight plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.15	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.49	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
Chloride as Cl *	mg/L	0.5	1	1481	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (D)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Fluoride	mg/L	0.05	0.2	1.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Total Phosphorus as P *	mg/L	0.2	0.5	<0.5	No Standard	In-house method based on United States Environmental Protection Agency, EPA Method 365.4	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 :** Tanasit Wongsachai , Samart Khumphlee

Remark :

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Management Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok  
Thailand 10310

**P/O :**

**Project Name :** โครงการสวนอุตสาหกรรมโรจนะปราจีนบุรี

**Project Location:** WTP

**TESTING**

**No.0042**

**Lot ID: 2357942**

Date Received : Jun 27, 2023

Date Reported : Jul 07, 2023

Report Number : 2710239-3

Page 2 of 2

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

Narumon Banchongkit  
Supervisor

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# ภาคผนวก ค-4

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คุณภาพน้ำทิ้งจากโรงงานอุตสาหกรรม



Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 26 Jan 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	232601-1	บริษัท ฮอนด้า ออโตโมบิล ( ประเทศไทย ) จำกัด	<2.0	34	7.1	904	10	<3
2	232602-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	55.5	185	7.2	388	48	7
3	232604-1	บริษัท ฮอนด้า โลจิสติกส์ เอเชีย จำกัด	25.7	117	7.8	476	25	6
4	232605-1	บริษัท เอ เอ็น ไอ โลจิสติกส์ จำกัด	113	341	7.7	532	152	6
5	232606-1	บริษัท เคดับบลิวอี - คินเทซี เวลด์ เอ็กสเพรส (ประเทศไทย) จำกัด	8.5	56	6.9	620	27	4
6	232607-1	บริษัท ช้างเคียว ทาเพยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	37.2	175	8.0	750	71	5
7	232608-1	บริษัท เอสเอ็น เมททอล พาร์ท จำกัด	22.0	81	7.8	432	31	4
8	232609-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	36.9	108	7.7	448	14	5
9	232610-1	บริษัท พลิก คอร์ปอเรชั่น จำกัด	35.9	55	7.5	298	17	<3
10	232611-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	36.4	76	7.9	396	27	4
11	232612-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	7.6	424	44	<3
12	232613-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	32.3	141	7.8	540	82	3
13	232614-1	บริษัท สยามนิชทราน จำกัด	49.5	157	7.9	610	15	10
14	232616-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	46.3	158	8.0	496	26	7
15	232617-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	3.1	27	7.8	348	6	<3
16	232619-1	บริษัท โคบายาชิ จำกัด	16.5	71	8.0	492	13	4
17	232620-1	บริษัท ยูนิค สตีล จำกัด	16.0	49	7.6	332	13	7
18	232621-1	บริษัท ซิมเนนท์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	<25	7.9	140	20	<3
19	232622-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	30.1	117	7.8	420	15	6
20	232623-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	143	517	7.4	288	35	87
21	232624-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 3)	16.1	132	7.6	190	166	6
22	232625-1	บริษัท ฮอนด้า R&D Asia Pacific	<2.0	<25	7.5	408	<5	<3
23	232629-1	บริษัท นิปปอน คอนกรีต (ประเทศไทย) จำกัด	20.7	69	7.3	172	23	5
24	232630-1	บริษัท เอพีจี อินเซนซ์ จำกัด	6.4	31	7.2	264	<5	4

Guideline : Standard of Rojana Industrial park (Rayong) No.2/2559 and No.1/2560, Criteria of wastewater drainage from the factory to central wastewater treatment plant.



Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 26 Jan 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	238948-1	บริษัท ฮอนด้า ออโตโมบิล ( ประเทศไทย ) จำกัด	<2.0	51	7.4	772	27	<3
2	238949-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	39.9	127	7.3	970	43	9
3	238951-1	บริษัท ฮอนด้า โลจิสติกส์ เอเชีย จำกัด	17.1	49	7.5	424	23	4
4	238952-1	บริษัท เอ เอ็น ไอ โลจิสติกส์ จำกัด	85.0	311	7.8	552	124	6
5	238953-1	บริษัท เคดับบลิวอี - คินเทซี เวลด์ เอ็กสเพรส (ประเทศไทย) จำกัด	30.6	90	7.0	436	32	4
6	238954-1	บริษัท ช้างเคียว ทาเพยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	33.5	141	7.6	472	30	5
7	238955-1	บริษัท เอสเอ็น เมททอล พาร์ต จำกัด	17.4	56	7.9	448	12	5
8	238956-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	78.4	167	7.5	428	27	8
9	238957-1	บริษัท พลิก คอร์ปอเรชั่น จำกัด	18.7	58	8.0	316	7	3
10	238958-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	45.2	122	7.4	340	31	3
11	238959-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	7.7	328	59	<3
12	238960-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	62.8	203	7.6	516	141	17
13	238961-1	บริษัท สยามนิขทราน จำกัด	32.9	129	7.7	468	<5	6
14	238963-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	86.3	217	8.0	480	34	8
15	238964-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	<2.0	<25	7.9	296	<5	<3
16	238966-1	บริษัท โคบายาชิ จำกัด	<2.0	<25	7.8	308	<5	<3
17	238967-1	บริษัท ยูนิตี้ สตีล จำกัด	13.7	42	7.6	448	<5	6
18	238968-1	บริษัท ซิเมนส์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	<25	7.8	138	16	<3
19	238969-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	35.3	110	7.8	452	26	3
20	238970-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	<2.0	<25	7.5	58	<5	<3
21	238971-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 3)	6.1	60	7.5	136	46	3

Guideline : Standard of Rojana Industrial park (Rayong) No.2/2559 and No.1/2560, Criteria of wastewater drainage from the factory to central wastewater treatment plant.



Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 10 Mar 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	2322206-1	บริษัท ฮอนด้า ออโตโมบิล ( ประเทศไทย ) จำกัด	<2.0	35	7.1	872	<5	<3
2	2322207-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	44.9	178	7.4	336	56	9
3	2322209-1	บริษัท ฮอนด้า โลจิสติกส์ เอเชีย จำกัด	20.2	85	7.7	376	27	7
4	2322210-1	บริษัท เอ เอ็น ไอ โลจิสติกส์ จำกัด	43.2	182	7.2	520	41	10
5	2322211-1	บริษัท เคดับบลิว - คินเทซี เวลด์ เอ็กสเพรส (ประเทศไทย) จำกัด	8.8	76	7.1	424	32	<3
6	2322212-1	บริษัท ช้างเคียว ทาเพยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	34.4	145	7.6	468	30	8
7	2322213-1	บริษัท เอสเอ็น เมททอล พาร์ท จำกัด	31.9	95	7.9	416	15	9
8	2322214-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	88.5	180	7.5	428	31	10
9	2322215-1	บริษัท พลิก คอรัปอเรชั่น จำกัด	28.7	75	7.1	364	24	5
10	2322216-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	31.9	99	7.8	424	26	4
11	2322217-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	7.8	328	96	<3
12	2322218-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	39.8	4182	7.9	488	1950	75
13	2322219-1	บริษัท สยามนิชทราน จำกัด	50.9	196	7.3	592	340	23
14	2322221-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	90.8	518	8.1	504	113	26
15	2322222-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	<2.0	<25	7.8	328	5	<3
16	2322224-1	บริษัท โคบายาชิ จำกัด	<2.0	26	7.9	300	<5	<3
17	2322225-1	บริษัท ยูนิค สตีล จำกัด	44.3	128	7.6	364	28	6
18	2322226-1	บริษัท ซิเมนส์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	<25	7.9	176	195	4
19	2322227-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	42.2	134	7.6	440	27	6
20	2322228-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	17.8	75	7.4	136	10	16
21	2322229-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 3)	8.6	48	7.7	156	49	3

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Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 7 Apr 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	2336368-1	บริษัท ฮอนด้า ออโตโมบิล (ประเทศไทย) จำกัด	<2.0	29	6.9	728	<5	<3
2	2336369-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	41.5	123	7.3	524	38	6
3	2336371-1	บริษัท ฮอนด้า โมติคัลส์ เอเชีย จำกัด	116	312	7.8	548	60	9
4	2336372-1	บริษัท เอ เอ็น ไอ โมติคัลส์ จำกัด	121	370	7.5	560	130	7
5	2336373-1	บริษัท เคดับบลิวอี - คันทรี เวิลด์ เอ็กซ์เพรส (ประเทศไทย) จำกัด	52.7	145	7.8	512	17	8
6	2336374-1	บริษัท ชิงเคียว ทาเทยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	35.5	149	7.7	460	19	7
7	2336375-1	บริษัท เอสเอ็น เมทอล พาร์ท จำกัด	34.6	108	7.8	400	10	5
8	2336376-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	65.0	142	7.6	424	24	7
9	2336377-1	บริษัท พลิก คอร์ปอเรชั่น จำกัด	20.1	62	7.5	440	8	3
10	2336378-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	40.7	106	7.6	420	31	5
11	2336379-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	7.9	400	65	4
12	2336380-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	8.1	30	7.8	404	<5	3
13	2336381-1	บริษัท สยามนิษฐาราน จำกัด	33.8	92	7.8	540	9	7
14	2336383-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	73.1	191	8.0	492	29	7
15	2336384-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	<2.0	<25	7.8	360	<5	3
16	2336386-1	บริษัท โคบายาชิ จำกัด	<2.0	26	8.0	420	<5	<3
17	2336387-1	บริษัท ยูนิตี้ สตีล จำกัด	16.1	40	7.6	360	<5	<3
18	2336388-1	บริษัท อีมีเนนท์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	<25	7.9	232	<5	<3
19	2336389-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	25.5	104	7.7	476	11	5
20	2336390-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	399	1,090	7.7	332	39	248

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Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 8 May 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	2348794-1	บริษัท ฮอนด้า ออโตโมบิล ( ประเทศไทย ) จำกัด	<2.0	46	7.4	800	16	<3
2	2348795-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	40.2	141	7.3	180	42	5
3	2348797-1	บริษัท ฮอนด้า โลจิสติกส์ เอเชีย จำกัด	32.2	114	7.2	388	21	4
4	2348798-1	บริษัท เอ เอ็น ไอ โลจิสติกส์ จำกัด	52.8	248	7.4	408	89	5
5	2348799-1	บริษัท เคดับบลิวอี - คีนเทซี เวลด์ เอ็กสเพรส (ประเทศไทย) จำกัด	18.9	105	7.3	408	12	5
6	2348800-1	บริษัท ช้างเคียว ทาเพยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	18.4	123	7.3	396	38	4
7	2348801-1	บริษัท เอสเอ็น เมททอล พาร์ท จำกัด	12.8	59	7.9	312	14	4
8	2348802-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	34.5	167	7.4	296	50	8
9	2348803-1	บริษัท พลิก คอรัปอเรชั่น จำกัด	13.2	51	7.2	288	6	<3
10	2348804-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	37.0	101	7.0	284	30	4
11	2348805-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	7.9	268	71	<3
12	2348806-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	51.2	168	7.1	412	144	<3
13	2348807-1	บริษัท สยามนิขทราน จำกัด	40.2	153	7.4	416	217	4
14	2348809-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	40.7	183	7.6	320	52	5
15	2348810-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	<2.0	<25	7.4	184	<5	<3
16	2348811-1	บริษัท ลีเฟิง อินเตอร์เทค (ประเทศไทย) จำกัด	164	454	7.3	796	44	7
17	2348812-1	บริษัท โคบายาชิ จำกัด	10.9	45	7.5	424	8	<3
18	2348813-1	บริษัท ยูนิตี้ สตีล จำกัด	13.7	55	7.7	340	7	4
19	2348814-1	บริษัท อิมเมนท์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	26	7.9	188	<5	<3
20	2348815-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	62.2	223	7.2	508	45	5
21	2348816-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	43.5	173	7.5	448	31	6
22	2348817-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 3)	52.5	193	7.7	456	31	7

Guideline : Standard of Rojana Industrial park (Rayong) No.2/2559 and No.1/2560, Criteria of wastewater drainage from the factory to central wastewater treatment plant.



Quality of Wastewater for Rojana Industrial Management Co., Ltd. (Site Prachinburi)

Sampling Date : 8 Jun 2023

No.	Lot ID	Company Name	BOD (mg/L)	COD (mg/L)	pH at 25 C -	TDS (180 C) (mg/L)	TSS (mg/L)	OGF(Soxhlet) (mg/L)
		Standard	≤ 500	≤ 750	5.5-9.0	≤ 3,000	≤ 200	≤ 10
1	2357990-1	บริษัท ฮอนด้า ออโตโมบิล ( ประเทศไทย ) จำกัด	<2.0	<25	7.8	724	<5	<3
2	2357991-1	บริษัท โคจิมะ ออโต้ เทคโนโลยี (ประเทศไทย) จำกัด	38.1	113	7.5	172	40	4
3	2357993-1	บริษัท ฮอนด้า โลจิสติกส์ เอเชีย จำกัด	14.2	46	7.6	288	10	<3
4	2357994-1	บริษัท เอ เอ็น ไอ โลจิสติกส์ จำกัด	89.2	343	7.9	364	155	4
5	2357995-1	บริษัท เคดับบลิวอี - คินเทซี เวลด์ เอ็กสเพรส (ประเทศไทย) จำกัด	37.4	118	7.9	336	24	5
6	2357996-1	บริษัท ช้างเคียว ทาเพยาม่า อัลลอยด์ (ไทยแลนด์) จำกัด	63.8	161	7.7	348	32	7
7	2357997-1	บริษัท เอสเอ็น เมททอล พาร์ท จำกัด	2.9	27	7.6	116	5	<3
8	2357998-1	บริษัท ทีซีเคียว อินเตอร์เนชั่นแนล จำกัด	84.4	196	7.7	336	19	5
9	2357999-1	บริษัท พลิก คอรัปอเรชั่น จำกัด	<2.0	<25	7.4	172	<5	<3
10	2358000-1	บริษัท เอ็นเอ็กโซจี (ไทยแลนด์) จำกัด	18.9	57	7.7	204	14	<3
11	2358001-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH1)	<2.0	<25	8.0	192	74	<3
12	2358002-1	บริษัท กบินทร์บุรีกลาส อินดัสทรี จำกัด (MH2)	18.2	68	7.6	368	72	<3
13	2358003-1	บริษัท สยามนิชทราน จำกัด	58.5	175	8.1	324	34	6
14	2358005-1	บริษัท รับเบอร์เทค อินดัสเทรียล (ประเทศไทย) จำกัด	46.5	183	8.2	400	22	7
15	2358006-1	บริษัท เจแอนด์เจ ดิสทริบิวชั่น เซ็นเตอร์ จำกัด	6.6	34	7.6	220	8	<3
17	2358008-1	บริษัท โคบายาชิ จำกัด	8.0	37	8.1	300	5	<3
18	2358009-1	บริษัท ยูนิค สตีล จำกัด	14.0	48	7.4	288	19	6
19	2358010-1	บริษัท ซิมิเนนท์ ควิล ออปโตอิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด	<2.0	<25	7.6	45	<5	<3
20	2358011-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 1)	13.3	59	7.8	172	28	<3
21	2358012-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 2)	15.5	42	7.5	108	11	6
22	2358013-1	บริษัท ชิงกาวเซง อิเล็กทรอนิกส์ เทคโนโลยี (ประเทศไทย) จำกัด (จุดที่ 3)	2.5	<25	7.4	128	<5	<3

Guideline : Standard of Rojana Industrial park (Rayong) No.2/2559 and No.1/2560, Criteria of wastewater drainage from the factory to central wastewater treatment plant.



# ภาคผนวก ค-5

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คุณภาพน้ำผิวดิน



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338374**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613836-1

Page 1 of 4

<b>Sample Number</b>	2338374-1
<b>Sampled Date</b>	Apr 18, 2023 10:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.38	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	7.60	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338374**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613836-1

Page 2 of 4

<b>Sample Number</b>	2338374-1
<b>Sampled Date</b>	Apr 18, 2023 10:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0008	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.008	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	330.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	4900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.85	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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*N. Banchongkit*

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Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338374**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613836-1

Page 3 of 4

<b>Sample Number</b>	2338374-1
<b>Sampled Date</b>	Apr 18, 2023 10:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.3	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	29.1	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338374**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613836-1

Page 4 of 4

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

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338379**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613845-1

Page 1 of 4

<b>Sample Number</b>	2338379-1
<b>Sampled Date</b>	Apr 18, 2023 11:10 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทั้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.04	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.0008	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.08	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.41	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338379**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613845-1

Page 2 of 4

<b>Sample Number</b>	2338379-1
<b>Sampled Date</b>	Apr 18, 2023 11:10 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทั้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.29	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0006	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	<0.0005	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	0.001	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.01	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

### Microbiological Testing

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2338379**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613845-1

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

Page 3 of 4

<b>Sample Number</b>	2338379-1
<b>Sampled Date</b>	Apr 18, 2023 11:10 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทั้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	490.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	790.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.55	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	Not Detected	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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*N. Banchongkit*

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2338379**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613845-1

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

Page 4 of 4

<b>Sample Number</b>	2338379-1
<b>Sampled Date</b>	Apr 18, 2023 11:10 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	31.6	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338380**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613858-1

Page 1 of 4

<b>Sample Number</b>	2338380-1
<b>Sampled Date</b>	Apr 18, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.09	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	Not Detected	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.46	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338380**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613858-1

Page 2 of 4

<b>Sample Number</b>	2338380-1
<b>Sampled Date</b>	Apr 18, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0006	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	0.0007	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	<0.005	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	79.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	240.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.19	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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*N. Banchongkit*

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Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338380**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613858-1

Page 3 of 4

<b>Sample Number</b>	2338380-1
<b>Sampled Date</b>	Apr 18, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทั้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	32.6	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338380**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613858-1

Page 4 of 4

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

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Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338382**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613873-1

Page 1 of 4

<b>Sample Number</b>	2338382-1
<b>Sampled Date</b>	Apr 18, 2023 11:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.0007	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.33	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338382**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613873-1

Page 2 of 4

<b>Sample Number</b>	2338382-1
<b>Sampled Date</b>	Apr 18, 2023 11:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0008	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.007	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	79.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	130.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.13	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2338382**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613873-1

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

Page 3 of 4

<b>Sample Number</b>	2338382-1
<b>Sampled Date</b>	Apr 18, 2023 11:50 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทั้ง ระยะทาง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<b>Condition of Sample</b>	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	0.005	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.7	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	32.4	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2338382**

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2613873-1

Page 4 of 4

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

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Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2360647**

Date Received : May 27, 2023

Date Reported : Jun 03, 2023

Report Number : 2662110-1

Page 1 of 4

<b>Sample Number</b>	2360647-1
<b>Sampled Date</b>	May 27, 2023 10:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	May 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	2.77	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	0.007	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	2.11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	0.010	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2360647**

Date Received : May 27, 2023

Date Reported : Jun 03, 2023

Report Number : 2662110-1

Page 2 of 4

<b>Sample Number</b>	2360647-1
<b>Sampled Date</b>	May 27, 2023 10:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	May 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.24	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.003	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	0.0006	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.11	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

### Microbiological Testing

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2360647**

Date Received : May 27, 2023

Date Reported : Jun 03, 2023

Report Number : 2662110-1

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

Page 3 of 4

<b>Sample Number</b>	2360647-1
<b>Sampled Date</b>	May 27, 2023 10:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	May 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	49000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	240000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.27	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.38	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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*N. Banchongkit*

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 2360647**

Date Received : May 27, 2023

Date Reported : Jun 03, 2023

Report Number : 2662110-1

Page 4 of 4

<b>Sample Number</b>	2360647-1
<b>Sampled Date</b>	May 27, 2023 10:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	May 27, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	29.6	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :** Sansoen Khuiyoksui , Samart Khumphlee

**Remark :**

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

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*N. Banchongkit*

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Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232556**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538101-1

Page 1 of 4

<b>Sample Number</b>	232556-1
<b>Sampled Date</b>	Jan 16, 2023 10:25 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.14	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	0.001	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.93	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232556**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538101-1

Page 2 of 4

<b>Sample Number</b>	232556-1
<b>Sampled Date</b>	Jan 16, 2023 10:25 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	1.38	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0006	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.01	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

### Microbiological Testing

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232556**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538101-1

Page 3 of 4

<b>Sample Number</b>	232556-1
<b>Sampled Date</b>	Jan 16, 2023 10:25 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	330.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	2200.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.23	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.65	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**  
**No.0042**

**Lot ID: 232556**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538101-1

Page 4 of 4

<b>Sample Number</b>	232556-1
<b>Sampled Date</b>	Jan 16, 2023 10:25 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Phenol *	mg/L	0.0005	0.001	0.004	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	25.2	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :**

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- 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, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

*N. Banachonkit*

Narumon Banchongkit  
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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232557**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538102-1

Page 1 of 4

<b>Sample Number</b>	232557-1
<b>Sampled Date</b>	Jan 16, 2023 11:55 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Aluminium	mg/L	0.003	0.005	0.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.08	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Iron	mg/L	0.003	0.005	0.32	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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*N. Banchongkit*

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232557**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538102-1

Page 2 of 4

<b>Sample Number</b>	232557-1
<b>Sampled Date</b>	Jan 16, 2023 11:55 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทั้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.35	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0007	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	Not Detected	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

### Microbiological Testing

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232557**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538102-1

Page 3 of 4

<b>Sample Number</b>	232557-1
<b>Sampled Date</b>	Jan 16, 2023 11:55 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทั้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	33.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	49.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.16	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.13	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232557**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538102-1

Page 4 of 4

<b>Sample Number</b>	232557-1
<b>Sampled Date</b>	Jan 16, 2023 11:55 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Phenol *	mg/L	0.0005	0.001	0.004	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	27.1	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :**

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- 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, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 232558**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538105-1

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.

141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

Page 1 of 4

<b>Sample Number</b>	232558-1
<b>Sampled Date</b>	Jan 16, 2023 11:03 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.19	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	0.004	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	4.14	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232558**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538105-1

Page 2 of 4

<b>Sample Number</b>	232558-1
<b>Sampled Date</b>	Jan 16, 2023 11:03 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0007	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.005	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	170.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	7900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.24	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232558**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538105-1

Page 3 of 4

<b>Sample Number</b>	232558-1
<b>Sampled Date</b>	Jan 16, 2023 11:03 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.001	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	25.4	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :**

Remark :

Approved by

*N. Banchoangkit*

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232558**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538105-1

Page 4 of 4

- 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, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232574**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538131-1

Page 1 of 4

<b>Sample Number</b>	232574-1
<b>Sampled Date</b>	Jan 16, 2023 12:20 PM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.07	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.56	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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*N. Banchoangkit*

Narumon Banchoangkit  
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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232574**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538131-1

Page 2 of 4

<b>Sample Number</b>	232574-1
<b>Sampled Date</b>	Jan 16, 2023 12:20 PM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.002	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	<0.005	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	33.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	49.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.14	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232574**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538131-1

Page 3 of 4

<b>Sample Number</b>	232574-1
<b>Sampled Date</b>	Jan 16, 2023 12:20 PM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.06	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	29.8	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :**

Remark :

Approved by

*N. Banchoangkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**  
**No.0042**

**Lot ID: 232574**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538131-1

Page 4 of 4

- 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, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232575**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538132-1

Page 1 of 4

<b>Sample Number</b>	232575-1
<b>Sampled Date</b>	Jan 16, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Arsenic	mg/L	0.0003	0.0005	0.0007	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Barium	mg/L	0.0003	0.0005	0.11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
<sup>[A]</sup> Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Manganese	mg/L	0.0003	0.0005	0.65	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232575**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538132-1

Page 2 of 4

<b>Sample Number</b>	232575-1
<b>Sampled Date</b>	Jan 16, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
<sup>[A]</sup> Nickel	mg/L	0.0003	0.0005	0.0009	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<sup>[A]</sup> Zinc	mg/L	0.003	0.005	0.007	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Microbiological Testing</b>							
<sup>[A]</sup> Fecal Coliform	MPN/100mL	-	-	330.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
<sup>[A]</sup> Total Coliform	MPN/100mL	-	-	3300.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.12	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0042**

**Lot ID: 232575**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538132-1

Page 3 of 4

<b>Sample Number</b>	232575-1
<b>Sampled Date</b>	Jan 16, 2023 11:30 AM
<b>Sample Description</b>	Surface Water
<b>Location</b>	SW5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774369,1536497)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle, two glass vials and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	8.7	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.000	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.12	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.002	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	28.5	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

**Sampling By :**

Remark :

Approved by

N. Banchoangkit

Narumon Banchoangkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**  
**No.0042**

**Lot ID: 232575**

Date Received : Jan 16, 2023

Date Reported : Jan 23, 2023

Report Number : 2538132-1

Page 4 of 4

- 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, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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# ภาคผนวก ค-6

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คุณภาพน้ำใต้ดิน





## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232577**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538135-1

Page 1 of 2

<b>Sample Number</b>	232577-1
<b>Sampled Date</b>	Jan 16, 2023 10:39 AM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW1 : บ้านหนองปลา (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	<0.0005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.35	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Approved by

*Sawitree N.*

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232577**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538135-1

Page 2 of 2

<b>Sample Number</b>	232577-1
<b>Sampled Date</b>	Jan 16, 2023 10:39 AM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW1 : บ้านหนองปลา (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	<0.0005	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	0.002	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :**

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 Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232578**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538137-1

Page 1 of 2

<b>Sample Number</b>	232578-1
<b>Sampled Date</b>	Jan 16, 2023 2:05 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW2 : บ้านหนองปรือน้ำใส (GPS 47P 0774016,1529823)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.07	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.77	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232578**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538137-1

Page 2 of 2

<b>Sample Number</b>	232578-1
<b>Sampled Date</b>	Jan 16, 2023 2:05 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW2 : บ้านหนองปรือน้ำใส (GPS 47P 0774016,1529823)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.002	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	0.001	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :**

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 Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 232579**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538138-1

Page 1 of 2

<b>Sample Number</b>	232579-1
<b>Sampled Date</b>	Jan 16, 2023 1:37 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW3 : บ้านคลองสมบูรณ์ (GPS 47P 0773629,1531720)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0010	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.04	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.61	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**  
**No.0009**

**Lot ID: 232579**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538138-1

Page 2 of 2

<b>Sample Number</b>	232579-1
<b>Sampled Date</b>	Jan 16, 2023 1:37 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW3 : บ้านคลองสมบูรณ์ (GPS 47P 0773629,1531720)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	<0.0005	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	0.0006	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	Not Detected	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :**

Remark :

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

*Sawitree N.*

Sawitree Noisangiam  
Manager

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 232580**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538139-1

Page 1 of 2

<b>Sample Number</b>	232580-1
<b>Sampled Date</b>	Jan 16, 2023 1:26 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW4 : บ้านหนองระเนตร (GPS 47P 0772858,1534037)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.65	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Approved by

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Sawitree Noisangiam  
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## Analysis / Test Report

TESTING  
No.0009

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 232580**

Date Received : Jan 16, 2023

Date Reported : Jan 20, 2023

Report Number : 2538139-1

Page 2 of 2

<b>Sample Number</b>	232580-1
<b>Sampled Date</b>	Jan 16, 2023 1:26 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW4 : บ้านหนองระเนตร (GPS 47P 0772858,1534037)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.24	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Silver	mg/L	0.0003	0.0005	0.0005	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.006	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :**

Remark :

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338388**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613891-1

Page 1 of 2

<b>Sample Number</b>	2338388-1
<b>Sampled Date</b>	Apr 18, 2023 10:30 AM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW1 : บ้านหนองปลา (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.38	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Chanattagarn Imchom

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338388**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613891-1

Page 2 of 2

<b>Sample Number</b>	2338388-1
<b>Sampled Date</b>	Apr 18, 2023 10:30 AM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW1 : บ้านหนองปลา (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	Not Detected	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.005	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

**Remark :**

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**Approved by**

*Chanatt L.*

Chanattagarn Imchom

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338390**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613923-1

Page 1 of 2

<b>Sample Number</b>	2338390-1
<b>Sampled Date</b>	Apr 18, 2023 12:45 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW2 : บ้านหนองปรือน้ำใส (GPS 47P 0774016,1529823)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.07	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.83	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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*Chanatt L.*

Chanattagarn Imchom

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338390**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613923-1

Page 2 of 2

<b>Sample Number</b>	2338390-1
<b>Sampled Date</b>	Apr 18, 2023 12:45 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW2 : บ้านหนองปรือน้ำใส (GPS 47P 0774016,1529823)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.001	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

**Remark :**

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Chanattagarn Imchom

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338391**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613931-1

Page 1 of 2

<b>Sample Number</b>	2338391-1
<b>Sampled Date</b>	Apr 18, 2023 12:25 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW3 : บ้านคลองสมบูรณ์ (GPS 47P 0773629,1531720)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0008	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.63	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338391**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613931-1

Page 2 of 2

<b>Sample Number</b>	2338391-1
<b>Sampled Date</b>	Apr 18, 2023 12:25 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW3 : บ้านคลองสมบูรณ์ (GPS 47P 0773629,1531720)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.0009	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

**Remark :**

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

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**Approved by**

*Chanatt L.*

Chanattagarn Imchom

Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338393**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613938-1

Page 1 of 2

<b>Sample Number</b>	2338393-1
<b>Sampled Date</b>	Apr 18, 2023 12:05 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW4 : บ้านหนองระเนตร (GPS 47P 0772858,1534037)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.05	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.63	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Approved by

*Chanatt L.*

Chanattagarn Imchom

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**TESTING**

**No.0009**

**Lot ID: 2338393**

Date Received : Apr 18, 2023

Date Reported : Apr 22, 2023

Report Number : 2613938-1

Page 2 of 2

<b>Sample Number</b>	2338393-1
<b>Sampled Date</b>	Apr 18, 2023 12:05 PM
<b>Sample Description</b>	Underground Water
<b>Location</b>	UW4 : บ้านหนองระเนตร (GPS 47P 0772858,1534037)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<b>Condition of Sample</b>	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
<b>Metals Testing</b>							
Nickel	mg/L	0.0003	0.0005	0.26	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, 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, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.008	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
<b>Water Testing</b>							
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, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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

**Sampling By :** Paramet Sattayakun , Pattarapol Sawangjaitam

**Remark :**

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

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**Approved by**

*Chanatt L.*

Chanattagarn Imchom

Supervisor

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# ภาคผนวก ค-7

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โลหะในตะกอนดิน



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :** RJN.PJ-019/65

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111629**

Date Received : Oct 24, 2022

Date Reported : Nov 01, 2022

Report Number : 2428659-1

Page 1 of 1

<b>Sample Number</b>	22111629-1
<b>Sampled Date</b>	Oct 24, 2022 10:50 AM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)
<b>Date Analysis Commenced</b>	Oct 26, 2022
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Aluminium (Dry Basis)	mg/kg	-	1.00	3099	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Arsenic (Dry basis)	mg/kg	-	0.50	<0.50	≤10	Based on US EPA, Method 3050B and 6010D	Bangkok
Cadmium (Dry basis)	mg/kg	-	0.50	0.27	≤0.16	Based on US EPA, Method 3050B and 6010D	Bangkok
Copper (Dry basis)	mg/kg	-	1.00	5.78	≤21.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Hexavalent Chromium (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3060A and 7196A	Bangkok
Lead (Dry basis)	mg/kg	-	1.00	5.21	≤36	Based on US EPA, Method 3050B and 6010D	Bangkok
Manganese (Dry basis)	mg/kg	-	1.00	428	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Mercury (Dry basis)	mg/kg	-	0.10	<0.10	≤0.2	US EPA (2007), Method 7473	Bangkok
Nickel (Dry basis)	mg/kg	-	1.00	2.26	≤27.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Silver (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Trivalent Chromium (Dry Basis)	mg/kg	-	1.00	25.0	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Zinc (Dry basis)	mg/kg	-	1.00	3.06	≤80	Based on US EPA, Method 3050B and 6010D	Bangkok

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsena

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



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :** RJN.PJ-019/65

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111637**

Date Received : Oct 24, 2022

Date Reported : Nov 01, 2022

Report Number : 2428661-1

Page 1 of 1

<b>Sample Number</b>	22111637-1
<b>Sampled Date</b>	Oct 24, 2022 12:25 PM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Oct 26, 2022
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Aluminium (Dry Basis)	mg/kg	-	1.00	9815	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Arsenic (Dry basis)	mg/kg	-	0.50	<0.50	≤10	Based on US EPA, Method 3050B and 6010D	Bangkok
Cadmium (Dry basis)	mg/kg	-	0.50	0.24	≤0.16	Based on US EPA, Method 3050B and 6010D	Bangkok
Copper (Dry basis)	mg/kg	-	1.00	6.52	≤21.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Hexavalent Chromium (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3060A and 7196A	Bangkok
Lead (Dry basis)	mg/kg	-	1.00	4.93	≤36	Based on US EPA, Method 3050B and 6010D	Bangkok
Manganese (Dry basis)	mg/kg	-	1.00	47.5	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Mercury (Dry basis)	mg/kg	-	0.10	<0.10	≤0.2	US EPA (2007), Method 7473	Bangkok
Nickel (Dry basis)	mg/kg	-	1.00	4.76	≤27.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Silver (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Trivalent Chromium (Dry Basis)	mg/kg	-	1.00	38.2	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Zinc (Dry basis)	mg/kg	-	1.00	3.47	≤80	Based on US EPA, Method 3050B and 6010D	Bangkok

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsena

Remark :

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*Sawitree N.*

Sawitree Noisangiam  
Manager



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :** RJN.PJ-019/65

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111643**

Date Received : Oct 24, 2022

Date Reported : Nov 01, 2022

Report Number : 2428667-1

Page 1 of 3

<b>Sample Number</b>	22111643-1
<b>Sampled Date</b>	Oct 24, 2022 11:25 AM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Oct 26, 2022
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic (Dry basis)	mg/kg	-	0.50	<0.50	≤10	Based on US EPA, Method 3050B and 6010D	Bangkok
Cadmium (Dry basis)	mg/kg	-	0.50	0.79	≤0.16	Based on US EPA, Method 3050B and 6010D	Bangkok
Copper (Dry basis)	mg/kg	-	1.00	34.9	≤21.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Hexavalent Chromium (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3060A and 7196A	Bangkok
Lead (Dry basis)	mg/kg	-	1.00	12.2	≤36	Based on US EPA, Method 3050B and 6010D	Bangkok
Manganese (Dry basis)	mg/kg	-	1.00	285	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Mercury (Dry basis)	mg/kg	-	0.10	<0.10	≤0.2	US EPA (2007), Method 7473, Method 3050B and 6010D	Bangkok
Nickel (Dry basis)	mg/kg	-	1.00	8.67	≤27.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Silver (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Zinc (Dry basis)	mg/kg	-	1.00	23.1	≤80	Based on US EPA, Method 3050B and 6010D	Bangkok

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsen

Remark :

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

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*Sawitree N.*

Sawitree Noisangiam  
Manager

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :** RJN.PJ-019/65

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111643**

Date Received : Oct 24, 2022

Date Reported : Nov 01, 2022

Report Number : 2428667-1

Page 2 of 3

<b>Sample Number</b>	22111643-2
<b>Sampled Date</b>	Oct 24, 2022 12:45 PM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Oct 26, 2022
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic (Dry basis)	mg/kg	-	0.50	<0.50	≤10	Based on US EPA, Method 3050B and 6010D	Bangkok
Cadmium (Dry basis)	mg/kg	-	0.50	0.56	≤0.16	Based on US EPA, Method 3050B and 6010D	Bangkok
Copper (Dry basis)	mg/kg	-	1.00	15.4	≤21.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Hexavalent Chromium (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3060A and 7196A	Bangkok
Lead (Dry basis)	mg/kg	-	1.00	4.87	≤36	Based on US EPA, Method 3050B and 6010D	Bangkok
Manganese (Dry basis)	mg/kg	-	1.00	186	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Mercury (Dry basis)	mg/kg	-	0.10	<0.10	≤0.2	US EPA (2007), Method 7473, Method 3050B and 6010D	Bangkok
Nickel (Dry basis)	mg/kg	-	1.00	16.0	≤27.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Silver (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Zinc (Dry basis)	mg/kg	-	1.00	9.84	≤80	Based on US EPA, Method 3050B and 6010D	Bangkok

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsen

Remark :

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

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager





## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :** RJN.PJ-019/65

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111643**

Date Received : Oct 24, 2022

Date Reported : Nov 01, 2022

Report Number : 2428667-1

Page 3 of 3

<b>Sample Number</b>	22111643-3
<b>Sampled Date</b>	Oct 24, 2022 1:10 PM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร
<b>Date Analysis Commenced</b>	Oct 26, 2022
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic (Dry basis)	mg/kg	-	0.50	<0.50	≤10	Based on US EPA, Method 3050B and 6010D	Bangkok
Cadmium (Dry basis)	mg/kg	-	0.50	0.51	≤0.16	Based on US EPA, Method 3050B and 6010D	Bangkok
Copper (Dry basis)	mg/kg	-	1.00	15.9	≤21.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Hexavalent Chromium (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3060A and 7196A	Bangkok
Lead (Dry basis)	mg/kg	-	1.00	6.29	≤36	Based on US EPA, Method 3050B and 6010D	Bangkok
Manganese (Dry basis)	mg/kg	-	1.00	595	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Mercury (Dry basis)	mg/kg	-	0.10	<0.10	≤0.2	US EPA (2007), Method 7473, Method 3050B and 6010D	Bangkok
Nickel (Dry basis)	mg/kg	-	1.00	28.1	≤27.5	Based on US EPA, Method 3050B and 6010D	Bangkok
Silver (Dry Basis)	mg/kg	-	1.00	<1.00	No Standard	Based on US EPA, Method 3050B and 6010D	Bangkok
Zinc (Dry basis)	mg/kg	-	1.00	25.7	≤80	Based on US EPA, Method 3050B and 6010D	Bangkok

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsen

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 Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111682**

Date Received : Oct 24, 2022

Date Reported : Oct 27, 2022

Report Number : 2428736-1

Page 1 of 5

**Sample Number** 22111682-1  
**Sampled Date** Oct 24, 2022 10:50 AM  
**Sample Description** ตะกอนดิน  
**Location** SD1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774379,1528160)  
**Date Analysis Commenced** Oct 25, 2022  
**Condition of Sample** Packed in one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Physical Parameters</b>							
Moisture	%	-	-	20.4	No Standard	Based on APHA (2017), 2540 G	Rayong

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

**Sampled By :** Anan Changsena

Remark :

- LOD : Limit of Detection
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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111682**

Date Received : Oct 24, 2022

Date Reported : Oct 27, 2022

Report Number : 2428736-1

Page 2 of 5

<b>Sample Number</b>	22111682-2
<b>Sampled Date</b>	Oct 24, 2022 11:25 AM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773814,1529227)
<b>Date Analysis Commenced</b>	Oct 25, 2022
<b>Condition of Sample</b>	Packed in one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Physical Parameters</b>							
Moisture	%	-	-	47.3	No Standard	Based on APHA (2017), 2540 G	Rayong

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

**Sampled By :** Anan Changsena

Remark :

- LOD : Limit of Detection
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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111682**

Date Received : Oct 24, 2022

Date Reported : Oct 27, 2022

Report Number : 2428736-1

Page 3 of 5

<b>Sample Number</b>	22111682-3
<b>Sampled Date</b>	Oct 24, 2022 12:25 PM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773700,1534493)
<b>Date Analysis Commenced</b>	Oct 25, 2022
<b>Condition of Sample</b>	Packed in one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Physical Parameters</b>							
Moisture	%	-	-	26.5	No Standard	Based on APHA (2017), 2540 G	Rayong

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

**Sampled By :** Anan Changsena

Remark :

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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111682**

Date Received : Oct 24, 2022

Date Reported : Oct 27, 2022

Report Number : 2428736-1

Page 4 of 5

<b>Sample Number</b>	22111682-4
<b>Sampled Date</b>	Oct 24, 2022 12:45 PM
<b>Sample Description</b>	ตะกอนดิน
<b>Location</b>	SD4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773944,1535147)
<b>Date Analysis Commenced</b>	Oct 25, 2022
<b>Condition of Sample</b>	Packed in one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Physical Parameters</b>							
Moisture	%	-	-	33.7	No Standard	Based on APHA (2017), 2540 G	Rayong

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

**Sampled By :** Anan Changsena

Remark :

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

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Narumon Banchongkit  
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## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 22111682**

Date Received : Oct 24, 2022

Date Reported : Oct 27, 2022

Report Number : 2428736-1

Page 5 of 5

**Sample Number** 22111682-5  
**Sampled Date** Oct 24, 2022 1:10 PM  
**Sample Description** ตะกอนดิน  
**Location** SD5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
**Date Analysis Commenced** Oct 25, 2022  
**Condition of Sample** Packed in one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Physical Parameters</b>							
Moisture	%	-	-	26.5	No Standard	Based on APHA (2017), 2540 G	Rayong

**Guideline :** ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

**Sampled By :** Anan Changsena

Remark :

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

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Narumon Banchongkit  
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# ภาคผนวก ค-8

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คุณภาพดินก่อนเปิดดำเนินการ





## Analysis / Test Report

**Report to:** Rojana Industrial Park Prachinburi Co.,  
Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur  
Sirmahaphot, Prachinburi Thailand 25140  
**Attn:** Sunanta Jammin  
**Phone:** 0-2716-1750  
**Fax:** 0-2716-1758 - 9  
**Email:** sunantabua@hotmail.com

**Project Name:** Rojana Prachinburi  
**Location:**  
**P/O:** 16/003  
**Receipt No:**  
**CC.:** Tatiya Kleatsuphaiboon  
**CC Email:**

**Lot ID: 1611254**

**Date Received:** Mar 16, 16 07:46 AM  
**Date Reported:** Apr 12, 16 08:19PM  
**Report Number:** 669736-1 Rev. No.1  
**Sampled by:** Pitthaya Thongtaeng

Page 1 of 2

**Sample Date** Mar 15, 2016 02:40 PM  
**Sample Description** Soil (GPS 47P 0772390, 1533603)  
**Condition of Sample** packed in one plastic zip bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)  
**Date of Analysis** Mar 17, 2016

Analyte	Unit	LOD	1611254-1 พื้นที่สีเขียวที่ เหนือของพื้นที่ โครงการ (S1)	1611254-2 พื้นที่สีเขียวที่ ตะวันออกของ พื้นที่โครงการ (S2)	1611254-3 พื้นที่สีเขียวที่ ตะวันตกของ พื้นที่โครงการ (S3)	1611254-4 พื้นที่สีเขียวที่ ใต้ของพื้นที่ โครงการ (S4)	Guideline Limit	Method
Arsenic	mg/kg	-	1.30	8.41	6.61	0.57	≤27	Inductively Coupled Plasma - Optical Emission Spectroscopy
Cadmium	mg/kg	-	<0.50	<0.50	<0.50	<0.50	≤810	Inductively Coupled Plasma - Optical Emission Spectroscopy
Copper	mg/kg	-	3.26	62.7	15.4	1.32	No Standard	Inductively Coupled Plasma - Optical Emission Spectroscopy
Hexavalent Chromium	mg/kg	-	<1.00	<1.00	<1.00	<1.00	≤640	Filtration, Colorimetric Method
Lead	mg/kg	-	3.57	<1.00	10.7	3.46	≤750	Inductively Coupled Plasma - Optical Emission Spectroscopy
Manganese	mg/kg	-	51.6	122	862	21.5	≤32000	Inductively Coupled Plasma - Optical Emission Spectroscopy
Mercury	mg/kg	-	<0.10	<0.10	<0.10	<0.10	≤610	Cold Vapor Atomic Fluorescence Spectrometric Method
Nickel	mg/kg	-	1.72	23.7	4.45	2.48	≤41000	Inductively Coupled Plasma - Optical Emission Spectroscopy
Silver	mg/kg	-	<1.00	<1.00	<1.00	<1.00	No Standard	Inductively Coupled Plasma - Optical Emission Spectroscopy

Technical Management

*Savitree N.*

Savitree Nolsangiam  
Section Head

Approved by

*Y. Chanpleng*

Yupaporn Chanpleng  
Senior Manager

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## Analysis / Test Report

**Report to:** Rojana Industrial Park Prachinburi Co.,  
Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur  
Sirmahaphot, Prachinburi Thailand 25140  
**Attn:** Sunanta Jammin  
**Phone:** 0-2716-1750  
**Fax:** 0-2716-1758 - 9  
**Email:** sunantabua@hotmail.com

**Project Name:** Rojana Prachinburi  
**Location:**  
**P/O:** 16/003  
**Receipt No:**  
**CC.:** Tatiya Kleatsuphaiboon  
**CC Email.:**

**Lot ID: 1611254**

**Date Received:** Mar 16, 16 07:46 AM  
**Date Reported:** Apr 12, 16 08:19PM  
**Report Number:** 669736-1 Rev. No.1  
**Sampled by:** Pitthaya Thongtaeng

Page 2 of 2

**Sample Date** Mar 15, 2016 02:40 PM  
**Sample Description** Soil (GPS 47P 0772390, 1533603)  
**Condition of Sample** packed in one plastic zip bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)  
**Date of Analysis** Mar 17, 2016

Analyte	Unit	LOD	1611254-1 พื้นที่สีเขียวที่ เหนือของพื้นที่ โครงการ (S1)	1611254-2 พื้นที่สีเขียวที่ ตะวันออกของ พื้นที่โครงการ (S2)	1611254-3 พื้นที่สีเขียวที่ ตะวันตกของ พื้นที่โครงการ (S3)	1611254-4 พื้นที่สีเขียวที่ ใต้ของพื้นที่ โครงการ (S4)	Guideline Limit	Method
Zinc	mg/kg	-	2.94	19.5	12.0	3.59	No Standard	Inductively Coupled Plasma - Optical Emission Spectroscopy

Guideline : Notification of National Environmental Board No. 25, B.E. 2547 (2004) Issued under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992) published in the Royal Government Gazette No. 121 Special Part 119 D dated October 20, B.E.2547 (Soil Quality Standard for Other Purposes)

Remark :

1. LOD : Limit of Detection
2. "<" : Lower than LOQ (Limit of Quantitation)

Technical Management

*Sawitree N.*

Sawitree Nolsangiam  
Section Head

Approved by

*Y. Chanpleng*

Yupaporn Chanpleng  
Senior Manager

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# ภาคผนวก ค-9

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คุณภาพดินหลังเปิดดำเนินการ



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2327808**

Date Received : Mar 30, 2023

Date Reported : Apr 07, 2023

Report Number : 2591533-1

Page 1 of 4

<b>Sample Number</b>	2327808-1
<b>Sampled Date</b>	Mar 30, 2023 11:15 AM
<b>Sample Description</b>	Soil
<b>Location</b>	S1 : พื้นที่สีเขียวทิศเหนือของพื้นที่โครงการ (GPS 47P 0772390,1533602)
<b>Date Analysis Commenced</b>	Apr 01, 2023
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/kg	-	0.50	<0.50	≤25	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤762	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	≤212	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Lead	mg/kg	-	1.00	11.1	≤800	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Manganese	mg/kg	-	1.00	1206	≤19640	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	25.0	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Selenium	mg/kg	-	0.50	0.74	≤4380	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	15.9	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok

**Guideline :** Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564

**Class 2:** Soil usage for commercial, agricultural and others.

**Sampling By :** Kardbundit Kitisupavanit

**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



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2327808**

Date Received : Mar 30, 2023

Date Reported : Apr 07, 2023

Report Number : 2591533-1

Page 2 of 4

<b>Sample Number</b>	2327808-2
<b>Sampled Date</b>	Mar 30, 2023 11:55 AM
<b>Sample Description</b>	Soil
<b>Location</b>	S2 : พื้นที่สีเขียวด้านทิศตะวันออกของพื้นที่โครงการ (GPS 47P 0772998,1532574)
<b>Date Analysis Commenced</b>	Apr 01, 2023
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/kg	-	0.50	<0.50	≤25	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤762	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	≤212	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Lead	mg/kg	-	1.00	5.01	≤800	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Manganese	mg/kg	-	1.00	416	≤19640	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	45.8	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	≤4380	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	28.6	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok

**Guideline :** Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564

**Class 2:** Soil usage for commercial, agricultural and others.

**Sampling By :** Kardbundit Kitisupavanit

**Remark :**

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

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

Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2327808**

Date Received : Mar 30, 2023

Date Reported : Apr 07, 2023

Report Number : 2591533-1

Page 3 of 4

<b>Sample Number</b>	2327808-3
<b>Sampled Date</b>	Mar 30, 2023 2:10 PM
<b>Sample Description</b>	Soil
<b>Location</b>	S3 : พื้นที่สีเขียวด้านทิศตะวันตกของพื้นที่โครงการ (GPS 47P 0772021,1531909)
<b>Date Analysis Commenced</b>	Apr 01, 2023
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/kg	-	0.50	<0.50	≤25	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤762	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	≤212	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Lead	mg/kg	-	1.00	8.30	≤800	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Manganese	mg/kg	-	1.00	688	≤19640	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	6.05	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Selenium	mg/kg	-	0.50	0.57	≤4380	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	10.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok

**Guideline :** Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564

**Class 2:** Soil usage for commercial, agricultural and others.

**Sampling By :** Kardbundit Kitisupavanit

**Remark :**

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

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

Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager



## Analysis / Test Report

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2327808**

Date Received : Mar 30, 2023

Date Reported : Apr 07, 2023

Report Number : 2591533-1

Page 4 of 4

<b>Sample Number</b>	2327808-4
<b>Sampled Date</b>	Mar 30, 2023 2:45 PM
<b>Sample Description</b>	Soil
<b>Location</b>	S4 : พื้นที่สีเขียวด้านทิศใต้ของพื้นที่โครงการ (GPS 47P 0775185,1528606)
<b>Date Analysis Commenced</b>	Apr 01, 2023
<b>Condition of Sample</b>	Packed in one plastic bag, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/kg	-	0.50	<0.50	≤25	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤762	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	≤212	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Lead	mg/kg	-	1.00	4.57	≤800	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Manganese	mg/kg	-	1.00	105	≤19640	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	1.29	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Selenium	mg/kg	-	0.50	<0.50	≤4380	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	5.49	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok

**Guideline :** Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564

**Class 2:** Soil usage for commercial, agricultural and others.

**Sampling By :** Kardbundit Kitisupavanit

**Remark :**

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

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

Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager



# ภาคผนวก ค-10

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ระดับเสียงโดยทั่วไป



## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645434-1

Page 1 of 1

**Sample Number** 2338127-1  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกอุดมดี (N1)  
**Measurement Date** Apr 28 - Apr 29, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.7	81.5	46.9
12:00 PM - 01:00 PM	49.3	66.8	45.3
01:00 PM - 02:00 PM	51.3	69.8	47.4
02:00 PM - 03:00 PM	63.3	81.7	57.8
03:00 PM - 04:00 PM	55.7	82.8	51.9
04:00 PM - 05:00 PM	53.8	73.6	50.5
05:00 PM - 06:00 PM	54.3	74.8	51.1
06:00 PM - 07:00 PM	53.4	71.2	51.4
07:00 PM - 08:00 PM	52.4	68.2	50.3
08:00 PM - 09:00 PM	55.2	68.8	53.6
09:00 PM - 10:00 PM	52.7	73.2	49.5
10:00 PM - 11:00 PM	51.3	71.5	48.9
11:00 PM - 12:00 AM	51.1	74.5	46.1
12:00 AM - 01:00 AM	47.3	70.9	43.9
01:00 AM - 02:00 AM	50.2	75.8	44.8
02:00 AM - 03:00 AM	51.0	74.3	45.6
03:00 AM - 04:00 AM	54.7	77.2	46.5
04:00 AM - 05:00 AM	60.0	78.7	52.8
05:00 AM - 06:00 AM	54.9	71.4	50.6
06:00 AM - 07:00 AM	54.6	75.7	49.7
07:00 AM - 08:00 AM	52.2	67.7	48.5
08:00 AM - 09:00 AM	52.3	70.7	48.1
09:00 AM - 10:00 AM	52.1	69.1	47.6
10:00 AM - 11:00 AM	51.5	68.2	47.0

Leq Average 24 hrs. (dB(A)) 54.9  
Lmax (dB(A)) 82.8  
L90 (dB(A)) 48.5  
Ldn (dB(A)) 60.9  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645435-1

Page 1 of 1

**Sample Number** 2338127-2  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกอุดมดี (N1)  
**Measurement Date** Apr 29 - Apr 30, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.8	78.4	46.6
12:00 PM - 01:00 PM	53.0	68.7	47.9
01:00 PM - 02:00 PM	57.0	78.2	53.6
02:00 PM - 03:00 PM	54.9	73.1	51.8
03:00 PM - 04:00 PM	53.2	72.0	49.2
04:00 PM - 05:00 PM	52.4	79.2	48.6
05:00 PM - 06:00 PM	53.4	71.8	50.1
06:00 PM - 07:00 PM	53.3	61.0	51.9
07:00 PM - 08:00 PM	53.0	70.2	51.3
08:00 PM - 09:00 PM	52.2	71.9	50.2
09:00 PM - 10:00 PM	51.0	75.6	48.3
10:00 PM - 11:00 PM	51.4	67.2	49.1
11:00 PM - 12:00 AM	51.0	74.4	48.0
12:00 AM - 01:00 AM	48.3	66.2	44.9
01:00 AM - 02:00 AM	47.6	80.3	44.0
02:00 AM - 03:00 AM	47.8	60.7	44.3
03:00 AM - 04:00 AM	49.8	61.6	46.2
04:00 AM - 05:00 AM	55.2	74.7	51.6
05:00 AM - 06:00 AM	54.7	90.1	50.6
06:00 AM - 07:00 AM	53.5	78.6	50.6
07:00 AM - 08:00 AM	54.3	68.4	51.1
08:00 AM - 09:00 AM	58.4	87.2	54.1
09:00 AM - 10:00 AM	57.0	75.2	54.5
10:00 AM - 11:00 AM	54.0	81.4	51.2

Leq Average 24 hrs. (dB(A)) 53.7  
Lmax (dB(A)) 90.1  
L90 (dB(A)) 50.1  
Ldn (dB(A)) 58.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645436-1

Page 1 of 1

**Sample Number** 2338127-3  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกลุดมดี (N1)  
**Measurement Date** Apr 30 - May 01, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	55.8	69.8	53.2
12:00 PM - 01:00 PM	55.6	69.8	52.7
01:00 PM - 02:00 PM	54.5	70.3	52.0
02:00 PM - 03:00 PM	53.9	71.5	51.1
03:00 PM - 04:00 PM	52.9	68.7	49.9
04:00 PM - 05:00 PM	53.4	69.9	50.6
05:00 PM - 06:00 PM	60.1	68.9	56.9
06:00 PM - 07:00 PM	62.6	70.2	59.4
07:00 PM - 08:00 PM	61.0	70.6	58.5
08:00 PM - 09:00 PM	58.2	75.9	55.3
09:00 PM - 10:00 PM	54.4	65.4	52.3
10:00 PM - 11:00 PM	50.8	70.7	46.9
11:00 PM - 12:00 AM	47.5	68.5	43.9
12:00 AM - 01:00 AM	46.1	66.5	42.5
01:00 AM - 02:00 AM	52.5	74.2	42.5
02:00 AM - 03:00 AM	53.5	71.1	42.8
03:00 AM - 04:00 AM	47.3	73.6	42.7
04:00 AM - 05:00 AM	53.5	68.2	49.2
05:00 AM - 06:00 AM	54.2	74.6	49.9
06:00 AM - 07:00 AM	62.1	74.2	58.7
07:00 AM - 08:00 AM	71.9	85.3	63.9
08:00 AM - 09:00 AM	56.6	79.2	47.5
09:00 AM - 10:00 AM	60.6	82.4	49.9
10:00 AM - 11:00 AM	58.5	81.0	49.1

Leq Average 24 hrs. (dB(A)) 60.6  
Lmax (dB(A)) 85.3  
L90 (dB(A)) 49.9  
Ldn (dB(A)) 63.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645437-1

Page 1 of 1

**Sample Number** 2338127-4  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกอุดมดี (N1)  
**Measurement Date** May 01 - May 02, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.0	76.5	47.6
12:00 PM - 01:00 PM	51.7	70.6	47.1
01:00 PM - 02:00 PM	54.2	78.7	47.4
02:00 PM - 03:00 PM	58.2	87.5	52.9
03:00 PM - 04:00 PM	64.7	93.1	55.1
04:00 PM - 05:00 PM	53.2	73.2	50.0
05:00 PM - 06:00 PM	58.7	69.9	56.3
06:00 PM - 07:00 PM	58.5	68.9	56.3
07:00 PM - 08:00 PM	59.1	68.5	56.1
08:00 PM - 09:00 PM	56.1	63.9	53.9
09:00 PM - 10:00 PM	52.7	67.4	50.4
10:00 PM - 11:00 PM	51.7	69.8	49.2
11:00 PM - 12:00 AM	54.9	70.9	46.7
12:00 AM - 01:00 AM	47.4	65.3	44.1
01:00 AM - 02:00 AM	46.6	57.7	42.3
02:00 AM - 03:00 AM	49.0	66.6	43.5
03:00 AM - 04:00 AM	50.7	70.7	46.1
04:00 AM - 05:00 AM	55.9	74.3	51.9
05:00 AM - 06:00 AM	55.0	69.6	50.9
06:00 AM - 07:00 AM	53.0	72.6	48.5
07:00 AM - 08:00 AM	52.5	73.2	47.1
08:00 AM - 09:00 AM	52.4	70.0	47.1
09:00 AM - 10:00 AM	53.1	82.8	47.1
10:00 AM - 11:00 AM	53.4	80.7	47.6

Leq Average 24 hrs. (dB(A)) 56.1  
Lmax (dB(A)) 93.1  
L90 (dB(A)) 47.6  
Ldn (dB(A)) 60.1  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645438-1

Page 1 of 1

**Sample Number** 2338127-5  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกอุดมดี (N1)  
**Measurement Date** May 02 - May 03, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.8	79.7	47.5
12:00 PM - 01:00 PM	51.5	70.2	47.4
01:00 PM - 02:00 PM	53.0	73.8	48.9
02:00 PM - 03:00 PM	58.2	76.1	54.2
03:00 PM - 04:00 PM	54.5	72.6	51.3
04:00 PM - 05:00 PM	51.7	71.1	47.5
05:00 PM - 06:00 PM	51.5	67.6	47.7
06:00 PM - 07:00 PM	53.1	64.5	50.1
07:00 PM - 08:00 PM	55.5	71.5	52.7
08:00 PM - 09:00 PM	55.1	65.4	52.8
09:00 PM - 10:00 PM	52.6	62.5	50.3
10:00 PM - 11:00 PM	50.9	60.8	48.2
11:00 PM - 12:00 AM	53.4	75.0	48.9
12:00 AM - 01:00 AM	48.5	69.6	44.2
01:00 AM - 02:00 AM	50.3	74.8	42.7
02:00 AM - 03:00 AM	51.0	76.2	43.1
03:00 AM - 04:00 AM	51.4	76.1	45.7
04:00 AM - 05:00 AM	53.4	69.8	50.1
05:00 AM - 06:00 AM	53.2	73.1	49.1
06:00 AM - 07:00 AM	53.0	73.2	48.5
07:00 AM - 08:00 AM	52.5	71.1	47.3
08:00 AM - 09:00 AM	52.8	74.3	47.0
09:00 AM - 10:00 AM	54.0	90.0	47.6
10:00 AM - 11:00 AM	54.4	83.1	47.2

Leq Average 24 hrs. (dB(A)) 53.8  
Lmax (dB(A)) 90.0  
L90 (dB(A)) 47.7  
Ldn (dB(A)) 58.9  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645439-1

Page 1 of 1

**Sample Number** 2338127-6  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกลุดมดี (N1)  
**Measurement Date** May 03 - May 04, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	56.2	81.3	46.9
12:00 PM - 01:00 PM	59.1	79.1	47.0
01:00 PM - 02:00 PM	51.1	70.7	47.4
02:00 PM - 03:00 PM	52.7	77.9	47.3
03:00 PM - 04:00 PM	52.0	81.5	47.5
04:00 PM - 05:00 PM	51.8	64.6	49.5
05:00 PM - 06:00 PM	51.2	70.6	48.5
06:00 PM - 07:00 PM	52.4	60.9	50.5
07:00 PM - 08:00 PM	52.3	69.0	49.9
08:00 PM - 09:00 PM	52.0	64.4	49.1
09:00 PM - 10:00 PM	50.1	67.5	47.0
10:00 PM - 11:00 PM	48.6	61.5	45.4
11:00 PM - 12:00 AM	47.7	64.2	44.3
12:00 AM - 01:00 AM	47.9	73.1	43.6
01:00 AM - 02:00 AM	46.6	60.7	42.6
02:00 AM - 03:00 AM	47.5	62.2	43.1
03:00 AM - 04:00 AM	48.3	61.1	44.7
04:00 AM - 05:00 AM	54.4	91.8	49.2
05:00 AM - 06:00 AM	53.8	75.9	49.1
06:00 AM - 07:00 AM	61.5	89.6	49.2
07:00 AM - 08:00 AM	59.9	81.9	48.9
08:00 AM - 09:00 AM	53.3	73.9	48.9
09:00 AM - 10:00 AM	53.8	77.1	48.5
10:00 AM - 11:00 AM	54.2	79.7	47.9

Leq Average 24 hrs. (dB(A)) 54.4  
Lmax (dB(A)) 91.8  
L90 (dB(A)) 47.5  
Ldn (dB(A)) 60.5  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645440-1

Page 1 of 1

**Sample Number** 2338127-7  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านโคกอุดมดี (N1)  
**Measurement Date** May 04 - May 05, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233184

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.1	79.0	48.4
12:00 PM - 01:00 PM	54.4	76.5	48.0
01:00 PM - 02:00 PM	55.9	79.8	48.9
02:00 PM - 03:00 PM	52.8	72.4	48.3
03:00 PM - 04:00 PM	54.7	67.1	51.1
04:00 PM - 05:00 PM	54.7	71.1	51.4
05:00 PM - 06:00 PM	52.6	69.6	49.3
06:00 PM - 07:00 PM	52.2	67.1	50.4
07:00 PM - 08:00 PM	51.6	66.5	49.0
08:00 PM - 09:00 PM	51.3	66.7	48.3
09:00 PM - 10:00 PM	51.1	63.1	47.6
10:00 PM - 11:00 PM	50.0	63.9	46.6
11:00 PM - 12:00 AM	49.0	69.1	44.9
12:00 AM - 01:00 AM	48.7	74.2	43.1
01:00 AM - 02:00 AM	47.2	70.0	42.2
02:00 AM - 03:00 AM	47.1	70.3	42.6
03:00 AM - 04:00 AM	50.8	72.5	45.5
04:00 AM - 05:00 AM	55.4	80.3	49.1
05:00 AM - 06:00 AM	54.9	78.5	49.5
06:00 AM - 07:00 AM	54.3	79.5	50.2
07:00 AM - 08:00 AM	56.9	75.7	49.8
08:00 AM - 09:00 AM	53.0	76.1	48.4
09:00 AM - 10:00 AM	62.4	81.7	52.2
10:00 AM - 11:00 AM	51.3	68.5	46.7

Leq Average 24 hrs. (dB(A)) 54.4  
Lmax (dB(A)) 81.7  
L90 (dB(A)) 48.4  
Ldn (dB(A)) 59.1  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645441-1

Page 1 of 1

**Sample Number** 2338127-8  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านหนองระเนตร (N2)  
**Measurement Date** Apr 28 - Apr 29, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233183

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.1	76.8	39.9
01:00 PM - 02:00 PM	52.6	76.4	43.2
02:00 PM - 03:00 PM	58.0	81.1	51.2
03:00 PM - 04:00 PM	55.7	74.8	46.6
04:00 PM - 05:00 PM	52.3	73.8	42.9
05:00 PM - 06:00 PM	52.2	72.3	46.2
06:00 PM - 07:00 PM	52.1	74.4	44.7
07:00 PM - 08:00 PM	48.1	72.1	41.9
08:00 PM - 09:00 PM	45.5	69.2	40.8
09:00 PM - 10:00 PM	49.2	72.0	40.6
10:00 PM - 11:00 PM	46.7	69.5	39.6
11:00 PM - 12:00 AM	44.4	64.8	38.5
12:00 AM - 01:00 AM	42.0	65.3	36.0
01:00 AM - 02:00 AM	42.2	66.2	34.5
02:00 AM - 03:00 AM	45.5	72.6	36.2
03:00 AM - 04:00 AM	48.8	66.6	41.4
04:00 AM - 05:00 AM	53.0	74.1	43.8
05:00 AM - 06:00 AM	55.0	74.2	46.0
06:00 AM - 07:00 AM	55.5	78.9	43.2
07:00 AM - 08:00 AM	53.6	81.0	42.2
08:00 AM - 09:00 AM	53.5	77.5	45.1
09:00 AM - 10:00 AM	56.1	73.5	45.6
10:00 AM - 11:00 AM	56.1	78.0	47.1
11:00 AM - 12:00 PM	52.3	80.9	40.3

Leq Average 24 hrs. (dB(A)) 52.8  
Lmax (dB(A)) 81.1  
L90 (dB(A)) 42.2  
Ldn (dB(A)) 57.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645442-1

Page 1 of 1

**Sample Number** 2338127-9  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านหนองระเนตร (N2)  
**Measurement Date** Apr 29 - Apr 30, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233183

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.6	70.4	48.6
01:00 PM - 02:00 PM	53.2	78.7	47.2
02:00 PM - 03:00 PM	53.0	75.0	43.6
03:00 PM - 04:00 PM	54.4	81.2	44.5
04:00 PM - 05:00 PM	52.9	73.8	42.2
05:00 PM - 06:00 PM	52.1	71.3	47.0
06:00 PM - 07:00 PM	49.7	69.1	42.8
07:00 PM - 08:00 PM	47.8	66.4	43.5
08:00 PM - 09:00 PM	45.4	66.9	40.8
09:00 PM - 10:00 PM	45.4	66.2	40.6
10:00 PM - 11:00 PM	44.4	61.7	40.9
11:00 PM - 12:00 AM	42.1	63.2	38.8
12:00 AM - 01:00 AM	46.6	66.7	38.5
01:00 AM - 02:00 AM	41.9	67.8	37.5
02:00 AM - 03:00 AM	43.3	67.9	37.7
03:00 AM - 04:00 AM	48.4	71.5	41.3
04:00 AM - 05:00 AM	55.2	76.7	44.0
05:00 AM - 06:00 AM	56.2	79.1	41.5
06:00 AM - 07:00 AM	52.3	71.4	41.8
07:00 AM - 08:00 AM	50.5	70.2	43.5
08:00 AM - 09:00 AM	55.6	80.2	46.4
09:00 AM - 10:00 AM	52.8	80.1	42.1
10:00 AM - 11:00 AM	54.0	77.7	40.4
11:00 AM - 12:00 PM	53.0	82.5	43.0

Leq Average 24 hrs. (dB(A)) 52.1  
Lmax (dB(A)) 82.5  
L90 (dB(A)) 42.1  
Ldn (dB(A)) 57.6  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

**Technical Management**

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645443-1

Page 1 of 1

**Sample Number** 2338127-10  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านหนองระเนตร (N2)  
**Measurement Date** Apr 30 - May 01, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233183

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.4	70.3	41.8
01:00 PM - 02:00 PM	51.7	75.7	40.4
02:00 PM - 03:00 PM	48.4	68.5	38.5
03:00 PM - 04:00 PM	51.7	72.9	40.2
04:00 PM - 05:00 PM	55.0	79.3	42.2
05:00 PM - 06:00 PM	49.7	71.0	43.1
06:00 PM - 07:00 PM	48.4	71.8	42.3
07:00 PM - 08:00 PM	47.0	73.7	41.8
08:00 PM - 09:00 PM	44.4	66.0	41.4
09:00 PM - 10:00 PM	47.2	77.3	40.4
10:00 PM - 11:00 PM	47.3	70.8	40.1
11:00 PM - 12:00 AM	43.7	64.3	38.7
12:00 AM - 01:00 AM	42.1	62.1	38.2
01:00 AM - 02:00 AM	44.6	73.7	37.7
02:00 AM - 03:00 AM	41.7	61.6	37.8
03:00 AM - 04:00 AM	48.5	76.1	42.8
04:00 AM - 05:00 AM	52.3	77.0	41.7
05:00 AM - 06:00 AM	52.0	77.6	40.7
06:00 AM - 07:00 AM	49.8	71.4	40.5
07:00 AM - 08:00 AM	48.8	70.2	41.5
08:00 AM - 09:00 AM	52.6	76.9	40.5
09:00 AM - 10:00 AM	49.5	72.4	37.9
10:00 AM - 11:00 AM	49.7	69.7	37.6
11:00 AM - 12:00 PM	48.2	71.0	36.0

Leq Average 24 hrs. (dB(A)) 49.7  
Lmax (dB(A)) 79.3  
L90 (dB(A)) 40.4  
Ldn (dB(A)) 55.2  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645444-1

Page 1 of 1

**Sample Number** 2338127-11  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านหนองระเนตร (N2)  
**Measurement Date** May 01 - May 02, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233183

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	46.8	70.0	35.6
01:00 PM - 02:00 PM	54.3	93.9	40.2
02:00 PM - 03:00 PM	64.5	83.3	60.4
03:00 PM - 04:00 PM	58.4	83.8	51.3
04:00 PM - 05:00 PM	54.9	80.0	42.2
05:00 PM - 06:00 PM	49.4	67.8	45.8
06:00 PM - 07:00 PM	50.8	75.6	44.7
07:00 PM - 08:00 PM	57.2	70.2	54.3
08:00 PM - 09:00 PM	51.3	71.1	47.0
09:00 PM - 10:00 PM	48.4	66.2	46.6
10:00 PM - 11:00 PM	47.3	70.5	44.8
11:00 PM - 12:00 AM	44.2	65.7	40.9
12:00 AM - 01:00 AM	40.6	57.1	37.6
01:00 AM - 02:00 AM	44.0	66.2	38.1
02:00 AM - 03:00 AM	42.9	65.3	36.4
03:00 AM - 04:00 AM	51.1	77.1	44.4
04:00 AM - 05:00 AM	58.2	81.8	42.6
05:00 AM - 06:00 AM	56.4	83.3	46.2
06:00 AM - 07:00 AM	53.9	80.0	43.5
07:00 AM - 08:00 AM	51.7	79.1	41.3
08:00 AM - 09:00 AM	51.5	74.0	40.0
09:00 AM - 10:00 AM	54.6	76.5	39.4
10:00 AM - 11:00 AM	57.9	82.6	38.1
11:00 AM - 12:00 PM	55.6	82.4	38.0

Leq Average 24 hrs. (dB(A)) 55.4  
Lmax (dB(A)) 93.9  
L90 (dB(A)) 42.2  
Ldn (dB(A)) 59.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

TESTING  
No.0042

**Client :** Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

**P/O :**

**Project Name :** Prachinburi

**Project Location :**

**Lot ID: 2338127**

Date Received : May 08, 2023

Date Reported : May 12, 2023

Report Number: 2645445-1

Page 1 of 1

**Sample Number** 2338127-12  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บ้านหนองระเนตร (N2)  
**Measurement Date** May 02 - May 03, 2023  
**Measurement by** Nontachai Uppathamp  
**Sound Level meter** Serial No. 233183

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.4	73.1	38.1
01:00 PM - 02:00 PM	52.2	77.1	40.1
02:00 PM - 03:00 PM	57.6	80.3	50.0
03:00 PM - 04:00 PM	56.6	79.5	48.6
04:00 PM - 05:00 PM	53.1	78.1	43.6
05:00 PM - 06:00 PM	51.0	77.7	45.1
06:00 PM - 07:00 PM	51.8	78.4	44.5
07:00 PM - 08:00 PM	47.0	72.6	42.3
08:00 PM - 09:00 PM	47.8	73.8	42.0
09:00 PM - 10:00 PM	45.1	62.4	40.7
10:00 PM - 11:00 PM	45.7	65.6	42.7
11:00 PM - 12:00 AM	42.1	64.2	36.3
12:00 AM - 01:00 AM	43.7	67.0	36.6
01:00 AM - 02:00 AM	42.7	66.3	36.7
02:00 AM - 03:00 AM	46.1	66.3	37.5
03:00 AM - 04:00 AM	49.4	68.7	43.5
04:00 AM - 05:00 AM	54.4	77.6	42.9
05:00 AM - 06:00 AM	55.3	75.8	47.4
06:00 AM - 07:00 AM	54.7	88.6	42.5
07:00 AM - 08:00 AM	51.2	72.9	39.7
08:00 AM - 09:00 AM	52.1	75.8	41.7
09:00 AM - 10:00 AM	54.2	83.6	44.5
10:00 AM - 11:00 AM	52.5	70.6	49.0
11:00 AM - 12:00 PM	49.0	66.5	45.5

Leq Average 24 hrs. (dB(A)) 52.1  
Lmax (dB(A)) 88.6  
L90 (dB(A)) 42.5  
Ldn (dB(A)) 57.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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# ภาคผนวก ค-11

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ระดับเสียงเฉลี่ย 5 นาที และระดับเสียงเปอร์เซ็นต์ไทม์ที่ 90





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645447-1

Page 1 of 3

Sample Number : 2338271-1  
 Parameter : Noise Level (Leq 5 min)  
 Location : บ้านโคกอุดมดี (N1)  
 Measurement Date : Apr 28 - Apr 29, 2023  
 Measurement by : Nontachai Uppathamp  
 Sound Level meter : Serial No. 00233184

Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	54.6	47.7	01:40 PM - 01:45 PM	52.2	47.7	04:20 PM - 04:25 PM	53.7	49.9
11:05 AM - 11:10 AM	51.6	46.2	01:45 PM - 01:50 PM	52.0	48.4	04:25 PM - 04:30 PM	52.7	49.0
11:10 AM - 11:15 AM	52.9	47.4	01:50 PM - 01:55 PM	52.8	49.8	04:30 PM - 04:35 PM	52.6	49.3
11:15 AM - 11:20 AM	51.9	46.3	01:55 PM - 02:00 PM	51.3	48.9	04:35 PM - 04:40 PM	52.7	50.1
11:20 AM - 11:25 AM	52.7	47.0	02:00 PM - 02:05 PM	54.6	49.9	04:40 PM - 04:45 PM	53.2	50.7
11:25 AM - 11:30 AM	52.4	47.0	02:05 PM - 02:10 PM	53.3	46.0	04:45 PM - 04:50 PM	55.4	50.0
11:30 AM - 11:35 AM	51.6	46.0	02:10 PM - 02:15 PM	50.4	45.2	04:50 PM - 04:55 PM	54.3	50.9
11:35 AM - 11:40 AM	56.1	46.8	02:15 PM - 02:20 PM	54.6	49.4	04:55 PM - 05:00 PM	53.9	51.0
11:40 AM - 11:45 AM	51.1	47.8	02:20 PM - 02:25 PM	56.3	54.1	05:00 PM - 05:05 PM	52.8	50.3
11:45 AM - 11:50 AM	52.1	46.3	02:25 PM - 02:30 PM	56.1	54.1	05:05 PM - 05:10 PM	52.9	49.0
11:50 AM - 11:55 AM	50.3	46.2	02:30 PM - 02:35 PM	56.0	54.0	05:10 PM - 05:15 PM	53.1	49.6
11:55 AM - 12:00 PM	50.9	47.4	02:35 PM - 02:40 PM	69.2	57.9	05:15 PM - 05:20 PM	52.9	50.4
12:00 PM - 12:05 PM	52.1	47.8	02:40 PM - 02:45 PM	69.8	65.0	05:20 PM - 05:25 PM	51.8	49.6
12:05 PM - 12:10 PM	51.1	47.8	02:45 PM - 02:50 PM	65.5	61.6	05:25 PM - 05:30 PM	54.5	51.4
12:10 PM - 12:15 PM	49.4	46.2	02:50 PM - 02:55 PM	62.7	58.9	05:30 PM - 05:35 PM	57.8	52.9
12:15 PM - 12:20 PM	49.6	45.1	02:55 PM - 03:00 PM	56.5	53.3	05:35 PM - 05:40 PM	53.4	51.8
12:20 PM - 12:25 PM	45.3	41.7	03:00 PM - 03:05 PM	54.4	52.7	05:40 PM - 05:45 PM	56.8	51.5
12:25 PM - 12:30 PM	47.6	43.4	03:05 PM - 03:10 PM	55.1	53.0	05:45 PM - 05:50 PM	53.5	52.0
12:30 PM - 12:35 PM	46.0	42.5	03:10 PM - 03:15 PM	58.3	54.3	05:50 PM - 05:55 PM	53.7	51.4
12:35 PM - 12:40 PM	47.3	42.8	03:15 PM - 03:20 PM	58.7	53.8	05:55 PM - 06:00 PM	53.4	51.6
12:40 PM - 12:45 PM	48.1	43.8	03:20 PM - 03:25 PM	58.7	53.8	06:00 PM - 06:05 PM	53.9	52.2
12:45 PM - 12:50 PM	51.2	46.4	03:25 PM - 03:30 PM	54.3	51.0	06:05 PM - 06:10 PM	54.1	52.4
12:50 PM - 12:55 PM	49.3	45.9	03:30 PM - 03:35 PM	56.8	49.7	06:10 PM - 06:15 PM	53.3	51.7
12:55 PM - 01:00 PM	48.7	45.3	03:35 PM - 03:40 PM	52.4	48.8	06:15 PM - 06:20 PM	54.8	52.0
01:00 PM - 01:05 PM	49.3	45.7	03:40 PM - 03:45 PM	53.1	48.6	06:20 PM - 06:25 PM	53.8	51.4
01:05 PM - 01:10 PM	49.9	45.7	03:45 PM - 03:50 PM	53.3	50.9	06:25 PM - 06:30 PM	53.2	51.6
01:10 PM - 01:15 PM	49.6	45.3	03:50 PM - 03:55 PM	52.0	48.9	06:30 PM - 06:35 PM	52.9	51.0
01:15 PM - 01:20 PM	51.3	47.1	03:55 PM - 04:00 PM	53.7	51.4	06:35 PM - 06:40 PM	53.1	51.3
01:20 PM - 01:25 PM	52.1	47.5	04:00 PM - 04:05 PM	55.0	50.8	06:40 PM - 06:45 PM	52.3	50.3
01:25 PM - 01:30 PM	52.2	47.0	04:05 PM - 04:10 PM	54.5	51.9	06:45 PM - 06:50 PM	51.8	49.8
01:30 PM - 01:35 PM	50.3	46.9	04:10 PM - 04:15 PM	53.3	50.6	06:50 PM - 06:55 PM	52.7	50.9
01:35 PM - 01:40 PM	50.9	46.1	04:15 PM - 04:20 PM	53.7	50.8	06:55 PM - 07:00 PM	54.1	50.9

Approved by

Sarayuth Jitranont  
 Assistant General Manager

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## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645447-1

Page 2 of 3

Sample Number 2338271-1  
Parameter Noise Level (Leq 5 min)  
Location บ้านโคกอุดมดี (N1)  
Measurement Date Apr 28 - Apr 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233184

Apr 28, 2023	Leq	L90	Apr 28 - Apr 29, 2023	Leq	L90	Apr 29, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	51.6	50.2	09:40 PM - 09:45 PM	51.6	49.7	12:20 AM - 12:25 AM	47.6	44.5
07:05 PM - 07:10 PM	52.6	50.1	09:45 PM - 09:50 PM	51.7	49.2	12:25 AM - 12:30 AM	48.8	44.8
07:10 PM - 07:15 PM	52.7	50.8	09:50 PM - 09:55 PM	52.6	50.0	12:30 AM - 12:35 AM	47.1	43.4
07:15 PM - 07:20 PM	53.2	50.9	09:55 PM - 10:00 PM	53.9	49.5	12:35 AM - 12:40 AM	46.9	43.9
07:20 PM - 07:25 PM	51.9	49.4	10:00 PM - 10:05 PM	51.5	48.8	12:40 AM - 12:45 AM	48.0	44.0
07:25 PM - 07:30 PM	52.3	50.0	10:05 PM - 10:10 PM	52.3	49.8	12:45 AM - 12:50 AM	46.9	43.3
07:30 PM - 07:35 PM	52.8	50.5	10:10 PM - 10:15 PM	50.8	48.0	12:50 AM - 12:55 AM	46.2	42.7
07:35 PM - 07:40 PM	52.0	50.1	10:15 PM - 10:20 PM	50.2	47.7	12:55 AM - 01:00 AM	45.4	42.3
07:40 PM - 07:45 PM	52.2	50.2	10:20 PM - 10:25 PM	50.4	47.8	01:00 AM - 01:05 AM	47.0	44.2
07:45 PM - 07:50 PM	53.1	51.3	10:25 PM - 10:30 PM	52.0	48.9	01:05 AM - 01:10 AM	47.8	43.9
07:50 PM - 07:55 PM	52.5	50.6	10:30 PM - 10:35 PM	52.0	50.4	01:10 AM - 01:15 AM	48.2	44.8
07:55 PM - 08:00 PM	51.6	49.4	10:35 PM - 10:40 PM	52.3	50.2	01:15 AM - 01:20 AM	47.3	44.0
08:00 PM - 08:05 PM	52.2	50.3	10:40 PM - 10:45 PM	51.5	49.0	01:20 AM - 01:25 AM	47.9	45.3
08:05 PM - 08:10 PM	51.8	49.7	10:45 PM - 10:50 PM	50.9	48.7	01:25 AM - 01:30 AM	49.7	45.9
08:10 PM - 08:15 PM	53.2	50.6	10:50 PM - 10:55 PM	51.0	48.9	01:30 AM - 01:35 AM	48.6	45.0
08:15 PM - 08:20 PM	55.2	53.9	10:55 PM - 11:00 PM	50.0	46.5	01:35 AM - 01:40 AM	48.5	43.7
08:20 PM - 08:25 PM	56.2	54.1	11:00 PM - 11:05 PM	50.2	48.0	01:40 AM - 01:45 AM	48.1	45.2
08:25 PM - 08:30 PM	55.6	54.4	11:05 PM - 11:10 PM	49.6	46.9	01:45 AM - 01:50 AM	47.7	44.9
08:30 PM - 08:35 PM	55.8	54.4	11:10 PM - 11:15 PM	50.8	47.3	01:50 AM - 01:55 AM	48.2	45.1
08:35 PM - 08:40 PM	55.8	54.1	11:15 PM - 11:20 PM	50.2	46.5	01:55 AM - 02:00 AM	57.4	45.3
08:40 PM - 08:45 PM	55.6	54.2	11:20 PM - 11:25 PM	48.3	45.3	02:00 AM - 02:05 AM	58.5	45.0
08:45 PM - 08:50 PM	55.9	54.5	11:25 PM - 11:30 PM	49.9	46.7	02:05 AM - 02:10 AM	46.9	43.2
08:50 PM - 08:55 PM	56.2	55.0	11:30 PM - 11:35 PM	57.8	45.5	02:10 AM - 02:15 AM	47.3	44.5
08:55 PM - 09:00 PM	55.9	54.6	11:35 PM - 11:40 PM	48.6	46.0	02:15 AM - 02:20 AM	48.8	44.5
09:00 PM - 09:05 PM	55.1	50.2	11:40 PM - 11:45 PM	48.6	45.2	02:20 AM - 02:25 AM	49.3	45.8
09:05 PM - 09:10 PM	54.8	50.0	11:45 PM - 11:50 PM	48.9	45.3	02:25 AM - 02:30 AM	49.2	46.2
09:10 PM - 09:15 PM	52.3	50.6	11:50 PM - 11:55 PM	47.9	44.3	02:30 AM - 02:35 AM	47.8	45.6
09:15 PM - 09:20 PM	53.2	49.1	11:55 PM - 12:00 AM	49.1	45.3	02:35 AM - 02:40 AM	48.9	45.8
09:20 PM - 09:25 PM	50.9	49.1	12:00 AM - 12:05 AM	47.9	44.9	02:40 AM - 02:45 AM	48.2	45.6
09:25 PM - 09:30 PM	51.0	48.5	12:05 AM - 12:10 AM	48.0	45.2	02:45 AM - 02:50 AM	48.6	45.7
09:30 PM - 09:35 PM	51.1	48.8	12:10 AM - 12:15 AM	47.3	43.4	02:50 AM - 02:55 AM	50.6	47.4
09:35 PM - 09:40 PM	51.2	48.5	12:15 AM - 12:20 AM	46.6	43.7	02:55 AM - 03:00 AM	49.1	46.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645447-1

Page 3 of 3

Sample Number 2338271-1  
Parameter Noise Level (Leq 5 min)  
Location บ้านโคกอุดมดี (N1)  
Measurement Date Apr 28 - Apr 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233184

Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	49.6	45.8	05:40 AM - 05:45 AM	54.3	52.1	08:20 AM - 08:25 AM	51.9	48.6
03:05 AM - 03:10 AM	48.3	45.9	05:45 AM - 05:50 AM	57.5	51.6	08:25 AM - 08:30 AM	53.7	47.8
03:10 AM - 03:15 AM	49.3	46.9	05:50 AM - 05:55 AM	53.3	49.6	08:30 AM - 08:35 AM	50.8	48.2
03:15 AM - 03:20 AM	47.9	44.7	05:55 AM - 06:00 AM	57.4	52.1	08:35 AM - 08:40 AM	53.1	47.7
03:20 AM - 03:25 AM	49.1	45.4	06:00 AM - 06:05 AM	54.3	51.3	08:40 AM - 08:45 AM	52.9	48.6
03:25 AM - 03:30 AM	50.7	45.1	06:05 AM - 06:10 AM	54.2	50.2	08:45 AM - 08:50 AM	52.5	49.9
03:30 AM - 03:35 AM	61.3	45.5	06:10 AM - 06:15 AM	55.2	50.1	08:50 AM - 08:55 AM	50.8	47.5
03:35 AM - 03:40 AM	50.4	47.7	06:15 AM - 06:20 AM	56.3	50.5	08:55 AM - 09:00 AM	51.1	46.1
03:40 AM - 03:45 AM	50.4	46.8	06:20 AM - 06:25 AM	55.8	50.6	09:00 AM - 09:05 AM	53.2	46.9
03:45 AM - 03:50 AM	50.1	46.6	06:25 AM - 06:30 AM	55.9	49.5	09:05 AM - 09:10 AM	53.8	48.0
03:50 AM - 03:55 AM	51.1	46.9	06:30 AM - 06:35 AM	56.6	49.7	09:10 AM - 09:15 AM	52.8	47.0
03:55 AM - 04:00 AM	61.0	48.8	06:35 AM - 06:40 AM	54.4	49.2	09:15 AM - 09:20 AM	53.8	48.8
04:00 AM - 04:05 AM	63.7	50.8	06:40 AM - 06:45 AM	52.2	48.4	09:20 AM - 09:25 AM	50.9	46.3
04:05 AM - 04:10 AM	63.3	50.0	06:45 AM - 06:50 AM	53.1	49.2	09:25 AM - 09:30 AM	51.2	46.7
04:10 AM - 04:15 AM	63.2	53.7	06:50 AM - 06:55 AM	52.7	48.9	09:30 AM - 09:35 AM	51.1	47.7
04:15 AM - 04:20 AM	63.1	54.0	06:55 AM - 07:00 AM	51.1	47.8	09:35 AM - 09:40 AM	51.1	47.0
04:20 AM - 04:25 AM	57.2	54.8	07:00 AM - 07:05 AM	52.8	49.7	09:40 AM - 09:45 AM	50.8	47.6
04:25 AM - 04:30 AM	57.1	55.2	07:05 AM - 07:10 AM	53.2	48.0	09:45 AM - 09:50 AM	50.2	47.4
04:30 AM - 04:35 AM	57.6	54.5	07:10 AM - 07:15 AM	51.1	47.3	09:50 AM - 09:55 AM	52.2	49.2
04:35 AM - 04:40 AM	56.3	52.9	07:15 AM - 07:20 AM	52.7	49.0	09:55 AM - 10:00 AM	52.3	48.2
04:40 AM - 04:45 AM	55.8	51.6	07:20 AM - 07:25 AM	51.7	48.5	10:00 AM - 10:05 AM	52.6	47.8
04:45 AM - 04:50 AM	56.0	51.4	07:25 AM - 07:30 AM	52.3	48.2	10:05 AM - 10:10 AM	51.2	48.0
04:50 AM - 04:55 AM	55.6	50.0	07:30 AM - 07:35 AM	52.6	49.6	10:10 AM - 10:15 AM	50.6	46.1
04:55 AM - 05:00 AM	53.6	49.8	07:35 AM - 07:40 AM	52.7	49.5	10:15 AM - 10:20 AM	52.4	46.5
05:00 AM - 05:05 AM	55.7	50.3	07:40 AM - 07:45 AM	51.3	48.3	10:20 AM - 10:25 AM	52.7	47.7
05:05 AM - 05:10 AM	54.3	50.8	07:45 AM - 07:50 AM	51.9	47.6	10:25 AM - 10:30 AM	52.3	47.6
05:10 AM - 05:15 AM	53.7	50.2	07:50 AM - 07:55 AM	52.6	48.7	10:30 AM - 10:35 AM	51.2	48.0
05:15 AM - 05:20 AM	55.6	50.5	07:55 AM - 08:00 AM	50.4	46.8	10:35 AM - 10:40 AM	51.2	47.1
05:20 AM - 05:25 AM	53.1	49.4	08:00 AM - 08:05 AM	52.4	48.4	10:40 AM - 10:45 AM	50.2	46.0
05:25 AM - 05:30 AM	52.4	49.0	08:05 AM - 08:10 AM	52.5	47.1	10:45 AM - 10:50 AM	52.2	46.8
05:30 AM - 05:35 AM	53.5	49.3	08:10 AM - 08:15 AM	52.1	47.9	10:50 AM - 10:55 AM	51.0	46.2
05:35 AM - 05:40 AM	53.9	50.9	08:15 AM - 08:20 AM	53.2	48.8	10:55 AM - 11:00 AM	49.1	45.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645448-1

Page 1 of 3

Sample Number : 2338271-2  
 Parameter : Noise Level (Leq 5 min)  
 Location : บ้านโคกอุดมดี (N1)  
 Measurement Date : Apr 29 - Apr 30, 2023  
 Measurement by : Nontachai Uppathamp  
 Sound Level meter : Serial No. 00233184

Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	52.1	47.7	01:40 PM - 01:45 PM	56.2	52.9	04:20 PM - 04:25 PM	53.0	49.6
11:05 AM - 11:10 AM	51.4	47.0	01:45 PM - 01:50 PM	57.4	54.7	04:25 PM - 04:30 PM	51.2	47.9
11:10 AM - 11:15 AM	54.1	46.8	01:50 PM - 01:55 PM	56.7	54.2	04:30 PM - 04:35 PM	51.6	48.9
11:15 AM - 11:20 AM	53.1	46.7	01:55 PM - 02:00 PM	56.3	53.8	04:35 PM - 04:40 PM	51.8	48.6
11:20 AM - 11:25 AM	53.7	47.9	02:00 PM - 02:05 PM	55.8	53.5	04:40 PM - 04:45 PM	52.4	49.3
11:25 AM - 11:30 AM	54.1	46.9	02:05 PM - 02:10 PM	54.8	52.3	04:45 PM - 04:50 PM	52.3	47.6
11:30 AM - 11:35 AM	53.1	45.5	02:10 PM - 02:15 PM	55.8	53.4	04:50 PM - 04:55 PM	55.3	49.1
11:35 AM - 11:40 AM	49.7	45.6	02:15 PM - 02:20 PM	56.2	53.5	04:55 PM - 05:00 PM	51.5	47.9
11:40 AM - 11:45 AM	50.7	45.4	02:20 PM - 02:25 PM	54.3	51.8	05:00 PM - 05:05 PM	53.3	48.7
11:45 AM - 11:50 AM	48.2	44.7	02:25 PM - 02:30 PM	55.6	51.9	05:05 PM - 05:10 PM	50.8	47.8
11:50 AM - 11:55 AM	55.4	48.1	02:30 PM - 02:35 PM	54.8	51.9	05:10 PM - 05:15 PM	53.8	47.6
11:55 AM - 12:00 PM	53.3	45.9	02:35 PM - 02:40 PM	55.3	51.6	05:15 PM - 05:20 PM	55.7	50.9
12:00 PM - 12:05 PM	51.3	46.8	02:40 PM - 02:45 PM	54.8	50.2	05:20 PM - 05:25 PM	55.8	54.3
12:05 PM - 12:10 PM	54.2	47.7	02:45 PM - 02:50 PM	53.9	50.1	05:25 PM - 05:30 PM	54.5	49.5
12:10 PM - 12:15 PM	53.3	46.8	02:50 PM - 02:55 PM	52.9	49.2	05:30 PM - 05:35 PM	51.3	48.8
12:15 PM - 12:20 PM	54.0	47.5	02:55 PM - 03:00 PM	53.9	49.9	05:35 PM - 05:40 PM	51.9	47.3
12:20 PM - 12:25 PM	53.7	47.0	03:00 PM - 03:05 PM	54.0	50.0	05:40 PM - 05:45 PM	51.5	47.4
12:25 PM - 12:30 PM	54.6	47.4	03:05 PM - 03:10 PM	53.5	50.6	05:45 PM - 05:50 PM	51.0	48.7
12:30 PM - 12:35 PM	54.2	49.1	03:10 PM - 03:15 PM	53.8	50.4	05:50 PM - 05:55 PM	53.0	51.4
12:35 PM - 12:40 PM	51.9	48.1	03:15 PM - 03:20 PM	55.1	49.5	05:55 PM - 06:00 PM	53.7	52.2
12:40 PM - 12:45 PM	51.5	48.7	03:20 PM - 03:25 PM	52.9	48.4	06:00 PM - 06:05 PM	53.7	52.5
12:45 PM - 12:50 PM	51.7	47.7	03:25 PM - 03:30 PM	53.2	48.2	06:05 PM - 06:10 PM	53.5	51.7
12:50 PM - 12:55 PM	52.0	48.6	03:30 PM - 03:35 PM	53.8	49.1	06:10 PM - 06:15 PM	53.0	51.4
12:55 PM - 01:00 PM	51.8	48.4	03:35 PM - 03:40 PM	53.2	49.8	06:15 PM - 06:20 PM	53.2	51.9
01:00 PM - 01:05 PM	60.6	54.1	03:40 PM - 03:45 PM	52.5	49.2	06:20 PM - 06:25 PM	53.6	52.4
01:05 PM - 01:10 PM	58.7	54.8	03:45 PM - 03:50 PM	50.9	47.7	06:25 PM - 06:30 PM	53.0	51.2
01:10 PM - 01:15 PM	57.2	54.6	03:50 PM - 03:55 PM	52.1	48.6	06:30 PM - 06:35 PM	53.1	51.7
01:15 PM - 01:20 PM	56.3	53.6	03:55 PM - 04:00 PM	51.3	47.8	06:35 PM - 06:40 PM	53.6	52.5
01:20 PM - 01:25 PM	57.0	54.6	04:00 PM - 04:05 PM	51.7	48.5	06:40 PM - 06:45 PM	53.7	52.3
01:25 PM - 01:30 PM	53.7	51.4	04:05 PM - 04:10 PM	51.3	48.4	06:45 PM - 06:50 PM	53.1	51.7
01:30 PM - 01:35 PM	54.6	52.0	04:10 PM - 04:15 PM	51.9	48.6	06:50 PM - 06:55 PM	53.3	51.6
01:35 PM - 01:40 PM	54.5	50.8	04:15 PM - 04:20 PM	53.3	48.6	06:55 PM - 07:00 PM	53.2	51.8

Approved by

Sarayuth Jittrantont  
 Assistant General Manager

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## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645448-1

Page 2 of 3

Sample Number 2338271-2  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date Apr 29 - Apr 30, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

Apr 29, 2023	Leq	L90	Apr 29 - Apr 30, 2023	Leq	L90	Apr 30, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	54.5	52.2	09:40 PM - 09:45 PM	50.7	47.8	12:20 AM - 12:25 AM	48.2	45.5
07:05 PM - 07:10 PM	52.7	51.3	09:45 PM - 09:50 PM	50.2	47.4	12:25 AM - 12:30 AM	47.5	44.2
07:10 PM - 07:15 PM	52.4	50.8	09:50 PM - 09:55 PM	51.3	48.5	12:30 AM - 12:35 AM	47.3	44.0
07:15 PM - 07:20 PM	52.9	49.7	09:55 PM - 10:00 PM	51.3	48.1	12:35 AM - 12:40 AM	47.1	42.9
07:20 PM - 07:25 PM	52.0	49.9	10:00 PM - 10:05 PM	52.8	48.6	12:40 AM - 12:45 AM	47.7	45.4
07:25 PM - 07:30 PM	52.0	49.8	10:05 PM - 10:10 PM	51.6	49.5	12:45 AM - 12:50 AM	48.8	45.3
07:30 PM - 07:35 PM	53.7	51.9	10:10 PM - 10:15 PM	52.1	50.5	12:50 AM - 12:55 AM	47.8	45.0
07:35 PM - 07:40 PM	53.6	52.2	10:15 PM - 10:20 PM	52.5	49.8	12:55 AM - 01:00 AM	46.9	42.8
07:40 PM - 07:45 PM	53.1	51.8	10:20 PM - 10:25 PM	51.6	49.6	01:00 AM - 01:05 AM	46.2	42.8
07:45 PM - 07:50 PM	53.0	51.6	10:25 PM - 10:30 PM	51.3	48.6	01:05 AM - 01:10 AM	47.4	44.0
07:50 PM - 07:55 PM	52.9	51.5	10:30 PM - 10:35 PM	51.3	48.9	01:10 AM - 01:15 AM	45.9	42.4
07:55 PM - 08:00 PM	52.9	51.6	10:35 PM - 10:40 PM	50.8	49.2	01:15 AM - 01:20 AM	46.5	43.7
08:00 PM - 08:05 PM	53.1	51.8	10:40 PM - 10:45 PM	50.3	47.7	01:20 AM - 01:25 AM	46.5	43.0
08:05 PM - 08:10 PM	52.7	49.6	10:45 PM - 10:50 PM	51.4	49.8	01:25 AM - 01:30 AM	50.7	45.9
08:10 PM - 08:15 PM	52.4	50.8	10:50 PM - 10:55 PM	50.8	48.1	01:30 AM - 01:35 AM	48.4	45.4
08:15 PM - 08:20 PM	52.3	50.2	10:55 PM - 11:00 PM	50.0	47.8	01:35 AM - 01:40 AM	47.1	44.7
08:20 PM - 08:25 PM	53.1	51.2	11:00 PM - 11:05 PM	49.7	45.4	01:40 AM - 01:45 AM	46.8	43.8
08:25 PM - 08:30 PM	53.2	51.1	11:05 PM - 11:10 PM	49.8	46.7	01:45 AM - 01:50 AM	47.8	42.9
08:30 PM - 08:35 PM	51.6	49.9	11:10 PM - 11:15 PM	52.1	46.2	01:50 AM - 01:55 AM	48.0	44.4
08:35 PM - 08:40 PM	51.3	49.7	11:15 PM - 11:20 PM	51.4	49.0	01:55 AM - 02:00 AM	47.4	43.7
08:40 PM - 08:45 PM	51.3	49.6	11:20 PM - 11:25 PM	49.8	46.9	02:00 AM - 02:05 AM	46.4	42.5
08:45 PM - 08:50 PM	51.4	49.5	11:25 PM - 11:30 PM	50.4	48.8	02:05 AM - 02:10 AM	47.9	45.0
08:50 PM - 08:55 PM	51.7	48.9	11:30 PM - 11:35 PM	50.6	49.1	02:10 AM - 02:15 AM	48.8	45.3
08:55 PM - 09:00 PM	51.0	48.9	11:35 PM - 11:40 PM	51.5	49.0	02:15 AM - 02:20 AM	47.0	42.9
09:00 PM - 09:05 PM	52.6	49.9	11:40 PM - 11:45 PM	53.8	49.6	02:20 AM - 02:25 AM	47.1	43.5
09:05 PM - 09:10 PM	52.0	49.0	11:45 PM - 11:50 PM	50.4	48.7	02:25 AM - 02:30 AM	46.9	43.3
09:10 PM - 09:15 PM	51.2	48.4	11:50 PM - 11:55 PM	50.8	48.5	02:30 AM - 02:35 AM	49.8	44.4
09:15 PM - 09:20 PM	50.4	48.6	11:55 PM - 12:00 AM	48.7	45.4	02:35 AM - 02:40 AM	47.3	44.2
09:20 PM - 09:25 PM	51.0	48.7	12:00 AM - 12:05 AM	49.1	45.9	02:40 AM - 02:45 AM	48.0	44.8
09:25 PM - 09:30 PM	49.9	47.3	12:05 AM - 12:10 AM	48.6	46.6	02:45 AM - 02:50 AM	47.6	45.2
09:30 PM - 09:35 PM	50.5	47.7	12:10 AM - 12:15 AM	47.8	44.5	02:50 AM - 02:55 AM	46.9	44.1
09:35 PM - 09:40 PM	49.6	47.0	12:15 AM - 12:20 AM	51.1	44.8	02:55 AM - 03:00 AM	48.8	45.7

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645448-1

Page 3 of 3

Sample Number 2338271-2  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date Apr 29 - Apr 30, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	49.4	46.6	05:40 AM - 05:45 AM	52.0	49.6	08:20 AM - 08:25 AM	56.8	54.4
03:05 AM - 03:10 AM	48.7	45.3	05:45 AM - 05:50 AM	53.1	50.9	08:25 AM - 08:30 AM	56.4	53.4
03:10 AM - 03:15 AM	47.8	45.0	05:50 AM - 05:55 AM	53.2	51.3	08:30 AM - 08:35 AM	56.2	53.7
03:15 AM - 03:20 AM	48.2	44.3	05:55 AM - 06:00 AM	54.5	50.7	08:35 AM - 08:40 AM	58.2	55.3
03:20 AM - 03:25 AM	49.1	44.5	06:00 AM - 06:05 AM	53.4	51.2	08:40 AM - 08:45 AM	60.3	54.9
03:25 AM - 03:30 AM	50.1	45.9	06:05 AM - 06:10 AM	54.1	51.1	08:45 AM - 08:50 AM	57.0	55.1
03:30 AM - 03:35 AM	51.4	48.2	06:10 AM - 06:15 AM	53.8	51.0	08:50 AM - 08:55 AM	63.5	55.4
03:35 AM - 03:40 AM	49.7	46.2	06:15 AM - 06:20 AM	53.1	50.5	08:55 AM - 09:00 AM	60.4	55.5
03:40 AM - 03:45 AM	50.6	46.2	06:20 AM - 06:25 AM	53.0	51.0	09:00 AM - 09:05 AM	59.8	57.2
03:45 AM - 03:50 AM	49.8	46.1	06:25 AM - 06:30 AM	53.3	51.4	09:05 AM - 09:10 AM	58.5	55.0
03:50 AM - 03:55 AM	50.6	46.7	06:30 AM - 06:35 AM	52.3	49.4	09:10 AM - 09:15 AM	58.4	56.5
03:55 AM - 04:00 AM	51.1	48.0	06:35 AM - 06:40 AM	53.7	49.7	09:15 AM - 09:20 AM	57.8	55.7
04:00 AM - 04:05 AM	51.8	49.2	06:40 AM - 06:45 AM	53.7	50.5	09:20 AM - 09:25 AM	57.6	55.9
04:05 AM - 04:10 AM	53.4	51.2	06:45 AM - 06:50 AM	54.1	49.8	09:25 AM - 09:30 AM	57.3	55.0
04:10 AM - 04:15 AM	53.1	50.7	06:50 AM - 06:55 AM	53.1	50.7	09:30 AM - 09:35 AM	56.2	54.2
04:15 AM - 04:20 AM	55.6	51.9	06:55 AM - 07:00 AM	53.6	50.5	09:35 AM - 09:40 AM	55.5	53.3
04:20 AM - 04:25 AM	56.0	52.4	07:00 AM - 07:05 AM	53.0	50.4	09:40 AM - 09:45 AM	54.8	51.4
04:25 AM - 04:30 AM	55.8	52.1	07:05 AM - 07:10 AM	53.3	50.2	09:45 AM - 09:50 AM	55.7	52.0
04:30 AM - 04:35 AM	56.2	52.4	07:10 AM - 07:15 AM	53.0	50.1	09:50 AM - 09:55 AM	53.6	51.1
04:35 AM - 04:40 AM	57.7	52.7	07:15 AM - 07:20 AM	55.4	51.0	09:55 AM - 10:00 AM	54.4	51.4
04:40 AM - 04:45 AM	56.6	51.7	07:20 AM - 07:25 AM	54.1	50.7	10:00 AM - 10:05 AM	55.9	51.5
04:45 AM - 04:50 AM	55.1	52.2	07:25 AM - 07:30 AM	52.4	49.5	10:05 AM - 10:10 AM	52.9	50.6
04:50 AM - 04:55 AM	53.6	50.4	07:30 AM - 07:35 AM	54.6	52.3	10:10 AM - 10:15 AM	53.5	50.7
04:55 AM - 05:00 AM	53.0	50.4	07:35 AM - 07:40 AM	55.0	51.3	10:15 AM - 10:20 AM	53.1	50.9
05:00 AM - 05:05 AM	53.6	51.0	07:40 AM - 07:45 AM	54.3	51.2	10:20 AM - 10:25 AM	54.6	51.8
05:05 AM - 05:10 AM	58.0	50.1	07:45 AM - 07:50 AM	54.2	51.7	10:25 AM - 10:30 AM	55.3	52.4
05:10 AM - 05:15 AM	54.1	49.1	07:50 AM - 07:55 AM	55.6	52.6	10:30 AM - 10:35 AM	54.4	52.4
05:15 AM - 05:20 AM	53.1	50.5	07:55 AM - 08:00 AM	55.1	51.7	10:35 AM - 10:40 AM	53.3	51.0
05:20 AM - 05:25 AM	58.5	51.2	08:00 AM - 08:05 AM	54.4	51.4	10:40 AM - 10:45 AM	53.2	50.2
05:25 AM - 05:30 AM	53.9	51.7	08:05 AM - 08:10 AM	55.8	53.3	10:45 AM - 10:50 AM	53.2	50.9
05:30 AM - 05:35 AM	53.3	50.5	08:10 AM - 08:15 AM	57.5	51.9	10:50 AM - 10:55 AM	53.9	51.2
05:35 AM - 05:40 AM	53.4	50.3	08:15 AM - 08:20 AM	54.2	51.6	10:55 AM - 11:00 AM	53.3	50.6

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645449-1

Page 1 of 3

Sample Number : 2338271-3  
 Parameter : Noise Level (Leq 5 min)  
 Location : บ้านโคกอุดมดี (N1)  
 Measurement Date : Apr 30 - May 01, 2023  
 Measurement by : Nontachai Uppathamp  
 Sound Level meter : Serial No. 00233184

Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	54.8	51.9	01:40 PM - 01:45 PM	54.2	51.2	04:20 PM - 04:25 PM	52.5	49.7
11:05 AM - 11:10 AM	55.8	52.5	01:45 PM - 01:50 PM	54.2	51.9	04:25 PM - 04:30 PM	52.2	49.6
11:10 AM - 11:15 AM	55.4	53.5	01:50 PM - 01:55 PM	53.5	51.2	04:30 PM - 04:35 PM	52.2	49.8
11:15 AM - 11:20 AM	53.7	51.1	01:55 PM - 02:00 PM	53.6	50.8	04:35 PM - 04:40 PM	52.8	49.8
11:20 AM - 11:25 AM	56.0	53.1	02:00 PM - 02:05 PM	54.7	51.7	04:40 PM - 04:45 PM	53.7	51.2
11:25 AM - 11:30 AM	55.5	53.3	02:05 PM - 02:10 PM	53.6	51.0	04:45 PM - 04:50 PM	55.0	51.5
11:30 AM - 11:35 AM	55.6	53.6	02:10 PM - 02:15 PM	53.0	50.5	04:50 PM - 04:55 PM	55.1	52.3
11:35 AM - 11:40 AM	56.5	54.7	02:15 PM - 02:20 PM	53.2	51.0	04:55 PM - 05:00 PM	54.8	52.5
11:40 AM - 11:45 AM	56.3	53.6	02:20 PM - 02:25 PM	53.8	51.0	05:00 PM - 05:05 PM	54.1	50.7
11:45 AM - 11:50 AM	55.3	52.3	02:25 PM - 02:30 PM	53.7	50.3	05:05 PM - 05:10 PM	53.8	50.6
11:50 AM - 11:55 AM	56.6	53.7	02:30 PM - 02:35 PM	54.4	51.8	05:10 PM - 05:15 PM	52.7	48.9
11:55 AM - 12:00 PM	57.0	54.0	02:35 PM - 02:40 PM	54.4	51.5	05:15 PM - 05:20 PM	53.8	49.3
12:00 PM - 12:05 PM	57.0	53.6	02:40 PM - 02:45 PM	54.2	51.5	05:20 PM - 05:25 PM	54.2	49.6
12:05 PM - 12:10 PM	54.8	50.8	02:45 PM - 02:50 PM	54.1	51.4	05:25 PM - 05:30 PM	55.7	53.5
12:10 PM - 12:15 PM	55.4	50.1	02:50 PM - 02:55 PM	53.5	49.9	05:30 PM - 05:35 PM	62.0	59.0
12:15 PM - 12:20 PM	54.7	51.3	02:55 PM - 03:00 PM	53.9	51.0	05:35 PM - 05:40 PM	61.6	59.6
12:20 PM - 12:25 PM	54.1	50.9	03:00 PM - 03:05 PM	53.9	51.2	05:40 PM - 05:45 PM	62.2	59.9
12:25 PM - 12:30 PM	54.5	52.7	03:05 PM - 03:10 PM	53.5	51.0	05:45 PM - 05:50 PM	60.7	55.3
12:30 PM - 12:35 PM	55.1	53.2	03:10 PM - 03:15 PM	53.0	50.3	05:50 PM - 05:55 PM	63.8	60.4
12:35 PM - 12:40 PM	55.2	52.9	03:15 PM - 03:20 PM	52.6	50.3	05:55 PM - 06:00 PM	63.8	60.0
12:40 PM - 12:45 PM	55.3	53.2	03:20 PM - 03:25 PM	52.6	49.0	06:00 PM - 06:05 PM	63.6	60.3
12:45 PM - 12:50 PM	55.7	54.3	03:25 PM - 03:30 PM	53.8	50.4	06:05 PM - 06:10 PM	63.6	61.4
12:50 PM - 12:55 PM	57.1	53.2	03:30 PM - 03:35 PM	52.9	50.0	06:10 PM - 06:15 PM	60.3	54.7
12:55 PM - 01:00 PM	56.6	53.5	03:35 PM - 03:40 PM	52.2	49.6	06:15 PM - 06:20 PM	62.0	54.6
01:00 PM - 01:05 PM	55.9	53.3	03:40 PM - 03:45 PM	52.7	49.6	06:20 PM - 06:25 PM	62.9	60.1
01:05 PM - 01:10 PM	55.9	53.8	03:45 PM - 03:50 PM	52.3	49.6	06:25 PM - 06:30 PM	62.3	57.9
01:10 PM - 01:15 PM	56.2	53.5	03:50 PM - 03:55 PM	52.6	47.8	06:30 PM - 06:35 PM	62.3	58.4
01:15 PM - 01:20 PM	54.9	52.6	03:55 PM - 04:00 PM	51.8	48.4	06:35 PM - 06:40 PM	63.0	58.2
01:20 PM - 01:25 PM	53.4	50.7	04:00 PM - 04:05 PM	53.1	50.0	06:40 PM - 06:45 PM	63.5	60.9
01:25 PM - 01:30 PM	53.7	51.0	04:05 PM - 04:10 PM	53.1	49.8	06:45 PM - 06:50 PM	63.0	60.8
01:30 PM - 01:35 PM	53.9	51.2	04:10 PM - 04:15 PM	52.6	48.9	06:50 PM - 06:55 PM	62.2	60.2
01:35 PM - 01:40 PM	53.4	50.9	04:15 PM - 04:20 PM	52.1	49.8	06:55 PM - 07:00 PM	61.6	59.2

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645449-1

Page 2 of 3

Sample Number 2338271-3  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date Apr 30 - May 01, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

Apr 30, 2023	Leq	L90	Apr 30 - May 01, 2023	Leq	L90	May 01, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	61.3	59.2	09:40 PM - 09:45 PM	53.7	51.7	12:20 AM - 12:25 AM	46.4	42.6
07:05 PM - 07:10 PM	61.3	58.9	09:45 PM - 09:50 PM	54.2	51.8	12:25 AM - 12:30 AM	46.5	42.4
07:10 PM - 07:15 PM	61.0	58.0	09:50 PM - 09:55 PM	53.5	51.9	12:30 AM - 12:35 AM	45.4	41.9
07:15 PM - 07:20 PM	61.1	58.2	09:55 PM - 10:00 PM	53.3	51.8	12:35 AM - 12:40 AM	45.4	42.1
07:20 PM - 07:25 PM	62.0	59.0	10:00 PM - 10:05 PM	52.9	51.1	12:40 AM - 12:45 AM	45.8	43.2
07:25 PM - 07:30 PM	61.6	59.6	10:05 PM - 10:10 PM	52.3	48.2	12:45 AM - 12:50 AM	44.2	40.8
07:30 PM - 07:35 PM	61.9	59.7	10:10 PM - 10:15 PM	48.2	45.4	12:50 AM - 12:55 AM	45.3	41.8
07:35 PM - 07:40 PM	62.2	60.1	10:15 PM - 10:20 PM	47.8	43.2	12:55 AM - 01:00 AM	46.5	42.5
07:40 PM - 07:45 PM	61.7	59.0	10:20 PM - 10:25 PM	49.0	45.0	01:00 AM - 01:05 AM	48.6	42.8
07:45 PM - 07:50 PM	59.2	57.2	10:25 PM - 10:30 PM	50.7	45.6	01:05 AM - 01:10 AM	48.3	42.8
07:50 PM - 07:55 PM	58.2	55.2	10:30 PM - 10:35 PM	52.3	46.7	01:10 AM - 01:15 AM	49.2	43.6
07:55 PM - 08:00 PM	58.0	55.3	10:35 PM - 10:40 PM	52.8	48.9	01:15 AM - 01:20 AM	52.7	43.4
08:00 PM - 08:05 PM	57.8	55.3	10:40 PM - 10:45 PM	53.0	49.1	01:20 AM - 01:25 AM	51.2	42.9
08:05 PM - 08:10 PM	57.7	53.3	10:45 PM - 10:50 PM	49.0	43.1	01:25 AM - 01:30 AM	52.1	42.1
08:10 PM - 08:15 PM	58.2	55.3	10:50 PM - 10:55 PM	47.6	43.6	01:30 AM - 01:35 AM	52.4	43.2
08:15 PM - 08:20 PM	60.0	58.1	10:55 PM - 11:00 PM	47.1	43.3	01:35 AM - 01:40 AM	53.4	41.0
08:20 PM - 08:25 PM	61.4	57.3	11:00 PM - 11:05 PM	45.9	42.8	01:40 AM - 01:45 AM	53.4	40.7
08:25 PM - 08:30 PM	58.2	55.0	11:05 PM - 11:10 PM	48.4	44.2	01:45 AM - 01:50 AM	54.9	42.0
08:30 PM - 08:35 PM	57.0	53.6	11:10 PM - 11:15 PM	48.6	44.6	01:50 AM - 01:55 AM	55.2	42.7
08:35 PM - 08:40 PM	58.2	55.6	11:15 PM - 11:20 PM	47.7	41.9	01:55 AM - 02:00 AM	53.0	41.6
08:40 PM - 08:45 PM	57.1	54.9	11:20 PM - 11:25 PM	47.0	43.4	02:00 AM - 02:05 AM	52.5	44.4
08:45 PM - 08:50 PM	56.7	54.5	11:25 PM - 11:30 PM	46.5	43.2	02:05 AM - 02:10 AM	56.9	43.0
08:50 PM - 08:55 PM	56.4	53.9	11:30 PM - 11:35 PM	48.8	45.3	02:10 AM - 02:15 AM	58.5	43.6
08:55 PM - 09:00 PM	55.9	53.1	11:35 PM - 11:40 PM	47.3	45.4	02:15 AM - 02:20 AM	59.1	44.0
09:00 PM - 09:05 PM	56.0	53.5	11:40 PM - 11:45 PM	46.5	42.9	02:20 AM - 02:25 AM	52.8	42.8
09:05 PM - 09:10 PM	56.8	54.9	11:45 PM - 11:50 PM	49.1	45.0	02:25 AM - 02:30 AM	45.8	41.7
09:10 PM - 09:15 PM	55.0	52.7	11:50 PM - 11:55 PM	46.5	43.5	02:30 AM - 02:35 AM	46.4	42.8
09:15 PM - 09:20 PM	53.9	52.2	11:55 PM - 12:00 AM	46.7	42.3	02:35 AM - 02:40 AM	46.2	43.0
09:20 PM - 09:25 PM	54.3	51.8	12:00 AM - 12:05 AM	48.8	43.9	02:40 AM - 02:45 AM	46.0	41.9
09:25 PM - 09:30 PM	53.8	52.2	12:05 AM - 12:10 AM	46.5	43.7	02:45 AM - 02:50 AM	45.8	42.3
09:30 PM - 09:35 PM	53.9	51.9	12:10 AM - 12:15 AM	45.5	42.6	02:50 AM - 02:55 AM	47.7	41.9
09:35 PM - 09:40 PM	53.2	49.2	12:15 AM - 12:20 AM	44.9	41.8	02:55 AM - 03:00 AM	46.6	41.4

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645449-1

Page 3 of 3

Sample Number 2338271-3  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date Apr 30 - May 01, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	45.2	42.0	05:40 AM - 05:45 AM	58.7	50.0	08:20 AM - 08:25 AM	55.8	47.4
03:05 AM - 03:10 AM	48.3	43.2	05:45 AM - 05:50 AM	52.9	47.1	08:25 AM - 08:30 AM	50.4	46.9
03:10 AM - 03:15 AM	46.0	41.1	05:50 AM - 05:55 AM	49.9	45.3	08:30 AM - 08:35 AM	50.3	46.7
03:15 AM - 03:20 AM	48.6	42.3	05:55 AM - 06:00 AM	50.0	46.4	08:35 AM - 08:40 AM	48.1	45.3
03:20 AM - 03:25 AM	49.1	40.7	06:00 AM - 06:05 AM	53.7	47.3	08:40 AM - 08:45 AM	50.5	46.8
03:25 AM - 03:30 AM	46.1	41.6	06:05 AM - 06:10 AM	53.6	47.9	08:45 AM - 08:50 AM	58.7	47.8
03:30 AM - 03:35 AM	46.6	42.0	06:10 AM - 06:15 AM	57.6	51.5	08:50 AM - 08:55 AM	61.2	47.8
03:35 AM - 03:40 AM	46.5	43.1	06:15 AM - 06:20 AM	66.2	62.3	08:55 AM - 09:00 AM	62.4	48.5
03:40 AM - 03:45 AM	47.5	44.0	06:20 AM - 06:25 AM	66.1	63.8	09:00 AM - 09:05 AM	57.0	45.8
03:45 AM - 03:50 AM	48.0	44.5	06:25 AM - 06:30 AM	65.6	63.3	09:05 AM - 09:10 AM	58.5	48.4
03:50 AM - 03:55 AM	46.7	43.0	06:30 AM - 06:35 AM	65.4	63.1	09:10 AM - 09:15 AM	57.3	47.0
03:55 AM - 04:00 AM	47.4	43.6	06:35 AM - 06:40 AM	63.0	47.6	09:15 AM - 09:20 AM	53.3	48.4
04:00 AM - 04:05 AM	49.4	45.8	06:40 AM - 06:45 AM	53.1	47.7	09:20 AM - 09:25 AM	59.9	50.4
04:05 AM - 04:10 AM	49.9	46.6	06:45 AM - 06:50 AM	51.8	47.1	09:25 AM - 09:30 AM	60.3	51.6
04:10 AM - 04:15 AM	53.4	45.0	06:50 AM - 06:55 AM	53.3	48.8	09:30 AM - 09:35 AM	62.1	51.2
04:15 AM - 04:20 AM	55.7	48.4	06:55 AM - 07:00 AM	57.4	49.6	09:35 AM - 09:40 AM	60.7	50.4
04:20 AM - 04:25 AM	54.6	50.4	07:00 AM - 07:05 AM	72.7	64.2	09:40 AM - 09:45 AM	59.5	48.9
04:25 AM - 04:30 AM	53.3	49.4	07:05 AM - 07:10 AM	74.8	65.9	09:45 AM - 09:50 AM	65.4	50.4
04:30 AM - 04:35 AM	54.0	50.1	07:10 AM - 07:15 AM	74.9	65.4	09:50 AM - 09:55 AM	60.8	51.6
04:35 AM - 04:40 AM	53.7	50.0	07:15 AM - 07:20 AM	73.9	64.4	09:55 AM - 10:00 AM	61.4	50.6
04:40 AM - 04:45 AM	55.1	51.4	07:20 AM - 07:25 AM	74.1	65.1	10:00 AM - 10:05 AM	59.9	50.9
04:45 AM - 04:50 AM	53.3	50.9	07:25 AM - 07:30 AM	74.5	70.2	10:05 AM - 10:10 AM	53.4	48.3
04:50 AM - 04:55 AM	52.8	48.7	07:30 AM - 07:35 AM	72.8	64.5	10:10 AM - 10:15 AM	53.7	49.3
04:55 AM - 05:00 AM	53.2	49.3	07:35 AM - 07:40 AM	65.3	50.8	10:15 AM - 10:20 AM	52.2	48.6
05:00 AM - 05:05 AM	54.8	51.3	07:40 AM - 07:45 AM	63.7	50.1	10:20 AM - 10:25 AM	64.0	50.2
05:05 AM - 05:10 AM	54.3	51.0	07:45 AM - 07:50 AM	57.3	47.7	10:25 AM - 10:30 AM	61.3	49.2
05:10 AM - 05:15 AM	53.5	50.0	07:50 AM - 07:55 AM	57.6	49.0	10:30 AM - 10:35 AM	51.7	47.4
05:15 AM - 05:20 AM	53.3	50.3	07:55 AM - 08:00 AM	51.8	46.8	10:35 AM - 10:40 AM	51.8	48.4
05:20 AM - 05:25 AM	54.5	51.0	08:00 AM - 08:05 AM	55.9	48.1	10:40 AM - 10:45 AM	60.9	49.0
05:25 AM - 05:30 AM	53.1	51.0	08:05 AM - 08:10 AM	53.3	49.2	10:45 AM - 10:50 AM	53.8	49.0
05:30 AM - 05:35 AM	53.9	50.5	08:10 AM - 08:15 AM	51.0	45.7	10:50 AM - 10:55 AM	58.2	48.8
05:35 AM - 05:40 AM	54.3	50.0	08:15 AM - 08:20 AM	52.2	48.6	10:55 AM - 11:00 AM	58.1	48.5

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645450-1

Page 1 of 3

Sample Number 2338271-4  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date May 01 - May 02, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	52.1	48.1	01:40 PM - 01:45 PM	50.1	46.6	04:20 PM - 04:25 PM	50.5	48.4
11:05 AM - 11:10 AM	52.7	49.8	01:45 PM - 01:50 PM	48.2	45.5	04:25 PM - 04:30 PM	51.5	49.4
11:10 AM - 11:15 AM	50.0	47.3	01:50 PM - 01:55 PM	51.4	45.5	04:30 PM - 04:35 PM	52.9	50.0
11:15 AM - 11:20 AM	50.7	46.9	01:55 PM - 02:00 PM	49.4	46.5	04:35 PM - 04:40 PM	53.1	49.6
11:20 AM - 11:25 AM	51.3	45.5	02:00 PM - 02:05 PM	61.7	48.5	04:40 PM - 04:45 PM	53.2	50.3
11:25 AM - 11:30 AM	51.5	48.0	02:05 PM - 02:10 PM	51.7	48.5	04:45 PM - 04:50 PM	53.9	50.5
11:30 AM - 11:35 AM	51.6	47.5	02:10 PM - 02:15 PM	51.0	48.3	04:50 PM - 04:55 PM	54.4	51.3
11:35 AM - 11:40 AM	53.7	48.4	02:15 PM - 02:20 PM	55.1	48.4	04:55 PM - 05:00 PM	53.4	50.6
11:40 AM - 11:45 AM	50.9	45.0	02:20 PM - 02:25 PM	51.8	47.8	05:00 PM - 05:05 PM	53.2	49.0
11:45 AM - 11:50 AM	53.3	47.5	02:25 PM - 02:30 PM	54.5	46.3	05:05 PM - 05:10 PM	54.1	49.6
11:50 AM - 11:55 AM	52.5	47.6	02:30 PM - 02:35 PM	51.8	47.1	05:10 PM - 05:15 PM	52.5	48.9
11:55 AM - 12:00 PM	52.5	47.3	02:35 PM - 02:40 PM	55.9	51.3	05:15 PM - 05:20 PM	53.0	50.0
12:00 PM - 12:05 PM	49.9	46.6	02:40 PM - 02:45 PM	57.1	54.6	05:20 PM - 05:25 PM	51.3	47.4
12:05 PM - 12:10 PM	51.4	47.6	02:45 PM - 02:50 PM	58.6	53.0	05:25 PM - 05:30 PM	51.9	48.5
12:10 PM - 12:15 PM	51.9	45.9	02:50 PM - 02:55 PM	58.7	55.4	05:30 PM - 05:35 PM	55.9	49.6
12:15 PM - 12:20 PM	53.6	47.7	02:55 PM - 03:00 PM	64.6	59.8	05:35 PM - 05:40 PM	61.1	51.8
12:20 PM - 12:25 PM	53.6	46.3	03:00 PM - 03:05 PM	67.2	54.6	05:40 PM - 05:45 PM	61.9	60.5
12:25 PM - 12:30 PM	48.8	45.0	03:05 PM - 03:10 PM	56.9	55.0	05:45 PM - 05:50 PM	61.6	60.2
12:30 PM - 12:35 PM	53.4	48.4	03:10 PM - 03:15 PM	61.4	54.2	05:50 PM - 05:55 PM	61.9	60.6
12:35 PM - 12:40 PM	51.2	47.2	03:15 PM - 03:20 PM	68.9	59.0	05:55 PM - 06:00 PM	61.8	60.4
12:40 PM - 12:45 PM	52.1	47.3	03:20 PM - 03:25 PM	72.2	60.1	06:00 PM - 06:05 PM	61.9	60.5
12:45 PM - 12:50 PM	50.6	47.2	03:25 PM - 03:30 PM	56.7	53.3	06:05 PM - 06:10 PM	61.9	60.5
12:50 PM - 12:55 PM	50.7	47.3	03:30 PM - 03:35 PM	59.9	52.8	06:10 PM - 06:15 PM	62.0	60.5
12:55 PM - 01:00 PM	50.6	47.3	03:35 PM - 03:40 PM	55.8	53.8	06:15 PM - 06:20 PM	56.7	50.0
01:00 PM - 01:05 PM	52.6	47.6	03:40 PM - 03:45 PM	54.9	52.6	06:20 PM - 06:25 PM	54.7	52.3
01:05 PM - 01:10 PM	54.5	48.5	03:45 PM - 03:50 PM	62.0	51.1	06:25 PM - 06:30 PM	54.2	51.3
01:10 PM - 01:15 PM	50.7	45.6	03:50 PM - 03:55 PM	55.3	50.3	06:30 PM - 06:35 PM	55.3	53.1
01:15 PM - 01:20 PM	50.6	48.2	03:55 PM - 04:00 PM	53.8	50.3	06:35 PM - 06:40 PM	55.6	53.8
01:20 PM - 01:25 PM	62.3	48.6	04:00 PM - 04:05 PM	52.3	50.1	06:40 PM - 06:45 PM	55.2	52.6
01:25 PM - 01:30 PM	51.2	48.8	04:05 PM - 04:10 PM	55.7	51.1	06:45 PM - 06:50 PM	52.0	49.0
01:30 PM - 01:35 PM	51.0	48.4	04:10 PM - 04:15 PM	53.5	49.6	06:50 PM - 06:55 PM	59.0	53.2
01:35 PM - 01:40 PM	49.6	46.8	04:15 PM - 04:20 PM	50.8	47.8	06:55 PM - 07:00 PM	58.5	56.5

Approved by

Sarayuth Jittrantont  
 Assistant General Manager

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## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645450-1

Page 2 of 3

Sample Number 2338271-4  
Parameter Noise Level (Leq 5 min)  
Location บ้านโคกอุดมดี (N1)  
Measurement Date May 01 - May 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233184

May 01, 2023	Leq	L90	May 01 - May 02, 2023	Leq	L90	May 02, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	58.5	56.8	09:40 PM - 09:45 PM	52.7	50.7	12:20 AM - 12:25 AM	47.7	44.2
07:05 PM - 07:10 PM	58.8	57.3	09:45 PM - 09:50 PM	52.4	51.0	12:25 AM - 12:30 AM	45.0	43.0
07:10 PM - 07:15 PM	58.7	57.2	09:50 PM - 09:55 PM	52.1	50.5	12:30 AM - 12:35 AM	48.3	44.8
07:15 PM - 07:20 PM	59.3	53.6	09:55 PM - 10:00 PM	51.6	49.9	12:35 AM - 12:40 AM	46.2	44.3
07:20 PM - 07:25 PM	59.1	57.6	10:00 PM - 10:05 PM	51.5	49.8	12:40 AM - 12:45 AM	46.5	44.5
07:25 PM - 07:30 PM	59.2	57.8	10:05 PM - 10:10 PM	51.0	47.6	12:45 AM - 12:50 AM	47.4	44.0
07:30 PM - 07:35 PM	59.1	57.7	10:10 PM - 10:15 PM	51.1	49.1	12:50 AM - 12:55 AM	46.8	44.0
07:35 PM - 07:40 PM	59.3	57.7	10:15 PM - 10:20 PM	54.0	49.8	12:55 AM - 01:00 AM	46.2	42.9
07:40 PM - 07:45 PM	59.5	53.7	10:20 PM - 10:25 PM	51.6	49.9	01:00 AM - 01:05 AM	46.5	43.1
07:45 PM - 07:50 PM	59.0	51.6	10:25 PM - 10:30 PM	52.0	50.4	01:05 AM - 01:10 AM	46.9	42.8
07:50 PM - 07:55 PM	59.1	52.4	10:30 PM - 10:35 PM	51.5	49.0	01:10 AM - 01:15 AM	46.0	42.1
07:55 PM - 08:00 PM	59.1	54.1	10:35 PM - 10:40 PM	52.1	50.0	01:15 AM - 01:20 AM	44.7	41.1
08:00 PM - 08:05 PM	59.5	57.1	10:40 PM - 10:45 PM	52.0	49.8	01:20 AM - 01:25 AM	45.8	41.6
08:05 PM - 08:10 PM	59.2	57.5	10:45 PM - 10:50 PM	52.3	49.5	01:25 AM - 01:30 AM	47.7	42.5
08:10 PM - 08:15 PM	59.3	57.7	10:50 PM - 10:55 PM	50.0	46.9	01:30 AM - 01:35 AM	46.2	41.9
08:15 PM - 08:20 PM	58.2	51.7	10:55 PM - 11:00 PM	50.2	46.7	01:35 AM - 01:40 AM	45.8	41.9
08:20 PM - 08:25 PM	49.4	45.9	11:00 PM - 11:05 PM	51.3	47.2	01:40 AM - 01:45 AM	46.8	43.4
08:25 PM - 08:30 PM	52.0	50.1	11:05 PM - 11:10 PM	56.8	47.0	01:45 AM - 01:50 AM	48.1	43.8
08:30 PM - 08:35 PM	53.7	50.3	11:10 PM - 11:15 PM	58.5	47.8	01:50 AM - 01:55 AM	46.9	40.7
08:35 PM - 08:40 PM	53.7	52.1	11:15 PM - 11:20 PM	59.3	49.6	01:55 AM - 02:00 AM	46.3	41.2
08:40 PM - 08:45 PM	54.3	52.9	11:20 PM - 11:25 PM	57.7	47.0	02:00 AM - 02:05 AM	47.2	43.0
08:45 PM - 08:50 PM	53.9	52.1	11:25 PM - 11:30 PM	49.4	44.2	02:05 AM - 02:10 AM	48.5	44.1
08:50 PM - 08:55 PM	53.9	52.6	11:30 PM - 11:35 PM	55.5	49.5	02:10 AM - 02:15 AM	46.7	42.1
08:55 PM - 09:00 PM	53.5	52.0	11:35 PM - 11:40 PM	53.6	46.0	02:15 AM - 02:20 AM	49.6	42.7
09:00 PM - 09:05 PM	52.3	49.6	11:40 PM - 11:45 PM	50.8	45.2	02:20 AM - 02:25 AM	49.0	43.3
09:05 PM - 09:10 PM	53.9	51.9	11:45 PM - 11:50 PM	48.6	44.5	02:25 AM - 02:30 AM	48.5	42.8
09:10 PM - 09:15 PM	53.4	50.8	11:50 PM - 11:55 PM	46.4	41.8	02:30 AM - 02:35 AM	49.0	44.3
09:15 PM - 09:20 PM	53.0	50.8	11:55 PM - 12:00 AM	47.6	43.6	02:35 AM - 02:40 AM	49.1	44.8
09:20 PM - 09:25 PM	52.7	48.8	12:00 AM - 12:05 AM	47.9	44.3	02:40 AM - 02:45 AM	48.2	43.1
09:25 PM - 09:30 PM	52.0	49.0	12:05 AM - 12:10 AM	47.4	43.9	02:45 AM - 02:50 AM	51.2	43.2
09:30 PM - 09:35 PM	52.2	50.2	12:10 AM - 12:15 AM	49.2	44.5	02:50 AM - 02:55 AM	49.9	44.2
09:35 PM - 09:40 PM	53.2	50.7	12:15 AM - 12:20 AM	48.6	44.1	02:55 AM - 03:00 AM	49.6	44.1

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645450-1

Page 3 of 3

Sample Number 2338271-4  
Parameter Noise Level (Leq 5 min)  
Location บ้านโคกอุดมดี (N1)  
Measurement Date May 01 - May 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233184

May 02, 2023 Time	Leq dB(A)	L90 dB(A)	May 02, 2023 Time	Leq dB(A)	L90 dB(A)	May 02, 2023 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	50.8	45.6	05:40 AM - 05:45 AM	53.9	50.3	08:20 AM - 08:25 AM	51.7	46.1
03:05 AM - 03:10 AM	51.2	45.2	05:45 AM - 05:50 AM	54.7	51.2	08:25 AM - 08:30 AM	51.1	48.2
03:10 AM - 03:15 AM	49.7	44.2	05:50 AM - 05:55 AM	54.5	50.6	08:30 AM - 08:35 AM	52.0	47.5
03:15 AM - 03:20 AM	50.9	45.4	05:55 AM - 06:00 AM	54.2	49.9	08:35 AM - 08:40 AM	52.0	48.0
03:20 AM - 03:25 AM	49.6	44.2	06:00 AM - 06:05 AM	53.7	49.4	08:40 AM - 08:45 AM	51.0	48.0
03:25 AM - 03:30 AM	50.8	45.2	06:05 AM - 06:10 AM	52.2	48.9	08:45 AM - 08:50 AM	54.8	48.4
03:30 AM - 03:35 AM	49.5	46.6	06:10 AM - 06:15 AM	53.3	49.4	08:50 AM - 08:55 AM	55.3	46.0
03:35 AM - 03:40 AM	48.9	45.6	06:15 AM - 06:20 AM	53.6	48.8	08:55 AM - 09:00 AM	51.4	45.4
03:40 AM - 03:45 AM	50.8	46.7	06:20 AM - 06:25 AM	51.6	48.7	09:00 AM - 09:05 AM	55.5	47.7
03:45 AM - 03:50 AM	50.6	46.4	06:25 AM - 06:30 AM	52.0	48.5	09:05 AM - 09:10 AM	55.5	46.6
03:50 AM - 03:55 AM	51.0	47.1	06:30 AM - 06:35 AM	52.5	48.8	09:10 AM - 09:15 AM	53.1	46.8
03:55 AM - 04:00 AM	52.9	48.6	06:35 AM - 06:40 AM	54.3	48.5	09:15 AM - 09:20 AM	51.3	47.8
04:00 AM - 04:05 AM	52.6	48.8	06:40 AM - 06:45 AM	50.8	47.3	09:20 AM - 09:25 AM	52.8	47.1
04:05 AM - 04:10 AM	53.6	49.3	06:45 AM - 06:50 AM	53.6	48.3	09:25 AM - 09:30 AM	54.5	47.3
04:10 AM - 04:15 AM	57.6	51.2	06:50 AM - 06:55 AM	54.1	46.2	09:30 AM - 09:35 AM	53.0	46.6
04:15 AM - 04:20 AM	56.2	50.0	06:55 AM - 07:00 AM	52.9	47.7	09:35 AM - 09:40 AM	50.6	47.2
04:20 AM - 04:25 AM	56.4	52.5	07:00 AM - 07:05 AM	53.8	47.5	09:40 AM - 09:45 AM	54.8	47.4
04:25 AM - 04:30 AM	55.8	52.4	07:05 AM - 07:10 AM	53.6	48.2	09:45 AM - 09:50 AM	50.2	46.0
04:30 AM - 04:35 AM	55.5	53.1	07:10 AM - 07:15 AM	53.5	48.1	09:50 AM - 09:55 AM	50.5	47.1
04:35 AM - 04:40 AM	55.3	51.9	07:15 AM - 07:20 AM	51.2	46.3	09:55 AM - 10:00 AM	50.2	47.3
04:40 AM - 04:45 AM	57.6	53.5	07:20 AM - 07:25 AM	52.1	46.9	10:00 AM - 10:05 AM	50.7	46.0
04:45 AM - 04:50 AM	57.5	52.4	07:25 AM - 07:30 AM	53.5	45.8	10:05 AM - 10:10 AM	56.1	46.7
04:50 AM - 04:55 AM	54.8	51.7	07:30 AM - 07:35 AM	51.9	45.3	10:10 AM - 10:15 AM	54.1	47.1
04:55 AM - 05:00 AM	55.2	52.8	07:35 AM - 07:40 AM	50.7	47.1	10:15 AM - 10:20 AM	52.7	47.0
05:00 AM - 05:05 AM	55.1	51.6	07:40 AM - 07:45 AM	52.1	46.3	10:20 AM - 10:25 AM	54.0	47.8
05:05 AM - 05:10 AM	54.3	50.4	07:45 AM - 07:50 AM	50.7	46.0	10:25 AM - 10:30 AM	54.6	47.9
05:10 AM - 05:15 AM	57.1	51.8	07:50 AM - 07:55 AM	52.6	48.7	10:30 AM - 10:35 AM	55.2	48.6
05:15 AM - 05:20 AM	56.0	51.8	07:55 AM - 08:00 AM	52.8	47.0	10:35 AM - 10:40 AM	51.2	48.4
05:20 AM - 05:25 AM	57.1	50.8	08:00 AM - 08:05 AM	49.3	46.0	10:40 AM - 10:45 AM	50.6	46.6
05:25 AM - 05:30 AM	54.1	51.0	08:05 AM - 08:10 AM	54.2	47.1	10:45 AM - 10:50 AM	52.2	47.4
05:30 AM - 05:35 AM	53.7	50.2	08:10 AM - 08:15 AM	51.1	45.4	10:50 AM - 10:55 AM	53.8	49.0
05:35 AM - 05:40 AM	53.5	51.1	08:15 AM - 08:20 AM	50.9	47.2	10:55 AM - 11:00 AM	50.7	47.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645451-1

Page 1 of 3

Sample Number 2338271-5  
Parameter Noise Level (Leq 5 min)  
Location บ้านโคกอุดมดี (N1)  
Measurement Date May 02 - May 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233184

May 02, 2023	Leq	L90	May 02, 2023	Leq	L90	May 02, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	52.1	48.1	01:40 PM - 01:45 PM	54.1	48.4	04:20 PM - 04:25 PM	51.1	47.1
11:05 AM - 11:10 AM	50.5	47.6	01:45 PM - 01:50 PM	54.1	50.9	04:25 PM - 04:30 PM	55.0	46.9
11:10 AM - 11:15 AM	63.5	48.1	01:50 PM - 01:55 PM	54.4	51.7	04:30 PM - 04:35 PM	52.4	48.1
11:15 AM - 11:20 AM	62.7	47.3	01:55 PM - 02:00 PM	54.3	51.4	04:35 PM - 04:40 PM	51.7	48.3
11:20 AM - 11:25 AM	50.3	46.4	02:00 PM - 02:05 PM	54.2	51.8	04:40 PM - 04:45 PM	50.8	47.8
11:25 AM - 11:30 AM	61.3	47.5	02:05 PM - 02:10 PM	54.9	52.6	04:45 PM - 04:50 PM	51.7	46.8
11:30 AM - 11:35 AM	58.6	48.4	02:10 PM - 02:15 PM	53.9	50.9	04:50 PM - 04:55 PM	51.0	46.3
11:35 AM - 11:40 AM	58.9	47.1	02:15 PM - 02:20 PM	57.7	52.6	04:55 PM - 05:00 PM	51.8	45.0
11:40 AM - 11:45 AM	60.5	46.5	02:20 PM - 02:25 PM	56.2	53.0	05:00 PM - 05:05 PM	50.9	46.2
11:45 AM - 11:50 AM	50.3	46.6	02:25 PM - 02:30 PM	58.4	54.9	05:05 PM - 05:10 PM	51.5	46.5
11:50 AM - 11:55 AM	53.2	48.2	02:30 PM - 02:35 PM	58.6	54.2	05:10 PM - 05:15 PM	52.6	46.7
11:55 AM - 12:00 PM	55.2	47.8	02:35 PM - 02:40 PM	58.2	54.1	05:15 PM - 05:20 PM	52.7	47.1
12:00 PM - 12:05 PM	53.0	48.1	02:40 PM - 02:45 PM	58.0	55.0	05:20 PM - 05:25 PM	49.4	46.3
12:05 PM - 12:10 PM	52.3	47.5	02:45 PM - 02:50 PM	57.0	53.5	05:25 PM - 05:30 PM	50.3	47.5
12:10 PM - 12:15 PM	50.0	45.8	02:50 PM - 02:55 PM	59.6	56.5	05:30 PM - 05:35 PM	51.4	47.9
12:15 PM - 12:20 PM	49.9	46.0	02:55 PM - 03:00 PM	62.9	56.9	05:35 PM - 05:40 PM	52.4	48.1
12:20 PM - 12:25 PM	50.6	46.6	03:00 PM - 03:05 PM	59.4	56.7	05:40 PM - 05:45 PM	52.2	48.7
12:25 PM - 12:30 PM	50.9	47.3	03:05 PM - 03:10 PM	56.4	52.7	05:45 PM - 05:50 PM	51.0	48.1
12:30 PM - 12:35 PM	52.5	48.5	03:10 PM - 03:15 PM	56.3	53.1	05:50 PM - 05:55 PM	51.4	48.8
12:35 PM - 12:40 PM	50.8	47.0	03:15 PM - 03:20 PM	54.5	51.7	05:55 PM - 06:00 PM	51.3	49.2
12:40 PM - 12:45 PM	50.2	46.4	03:20 PM - 03:25 PM	51.6	48.9	06:00 PM - 06:05 PM	51.8	49.2
12:45 PM - 12:50 PM	51.6	48.5	03:25 PM - 03:30 PM	55.1	51.0	06:05 PM - 06:10 PM	51.2	48.3
12:50 PM - 12:55 PM	53.3	48.4	03:30 PM - 03:35 PM	53.8	51.2	06:10 PM - 06:15 PM	53.4	50.4
12:55 PM - 01:00 PM	51.3	47.3	03:35 PM - 03:40 PM	53.2	48.8	06:15 PM - 06:20 PM	51.1	48.8
01:00 PM - 01:05 PM	54.4	47.3	03:40 PM - 03:45 PM	50.8	47.3	06:20 PM - 06:25 PM	53.1	49.0
01:05 PM - 01:10 PM	53.4	46.7	03:45 PM - 03:50 PM	50.2	46.8	06:25 PM - 06:30 PM	53.0	51.6
01:10 PM - 01:15 PM	52.9	47.1	03:50 PM - 03:55 PM	50.1	47.0	06:30 PM - 06:35 PM	52.1	48.4
01:15 PM - 01:20 PM	51.0	47.8	03:55 PM - 04:00 PM	51.8	47.9	06:35 PM - 06:40 PM	51.9	48.4
01:20 PM - 01:25 PM	51.1	47.3	04:00 PM - 04:05 PM	50.7	48.1	06:40 PM - 06:45 PM	54.4	48.6
01:25 PM - 01:30 PM	51.5	47.6	04:05 PM - 04:10 PM	50.7	47.9	06:45 PM - 06:50 PM	53.6	49.7
01:30 PM - 01:35 PM	51.1	48.6	04:10 PM - 04:15 PM	50.8	48.4	06:50 PM - 06:55 PM	55.0	52.6
01:35 PM - 01:40 PM	50.8	47.5	04:15 PM - 04:20 PM	50.4	48.0	06:55 PM - 07:00 PM	54.8	52.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645451-1

Page 2 of 3

Sample Number 2338271-5  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date May 02 - May 03, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

May 02, 2023	Leq	L90	May 02 - May 03, 2023	Leq	L90	May 03, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	54.9	53.2	09:40 PM - 09:45 PM	52.7	50.9	12:20 AM - 12:25 AM	49.1	43.7
07:05 PM - 07:10 PM	54.3	50.6	09:45 PM - 09:50 PM	52.3	49.6	12:25 AM - 12:30 AM	48.5	44.9
07:10 PM - 07:15 PM	55.5	53.2	09:50 PM - 09:55 PM	52.4	50.6	12:30 AM - 12:35 AM	49.1	45.3
07:15 PM - 07:20 PM	54.8	52.3	09:55 PM - 10:00 PM	52.2	48.2	12:35 AM - 12:40 AM	47.9	42.9
07:20 PM - 07:25 PM	54.9	51.9	10:00 PM - 10:05 PM	52.2	50.4	12:40 AM - 12:45 AM	48.0	44.6
07:25 PM - 07:30 PM	54.3	51.8	10:05 PM - 10:10 PM	52.0	50.6	12:45 AM - 12:50 AM	47.2	43.0
07:30 PM - 07:35 PM	54.4	51.7	10:10 PM - 10:15 PM	52.1	50.7	12:50 AM - 12:55 AM	49.7	43.0
07:35 PM - 07:40 PM	55.4	52.9	10:15 PM - 10:20 PM	52.1	50.7	12:55 AM - 01:00 AM	46.9	41.9
07:40 PM - 07:45 PM	55.6	53.1	10:20 PM - 10:25 PM	50.6	45.7	01:00 AM - 01:05 AM	47.9	42.5
07:45 PM - 07:50 PM	57.6	53.1	10:25 PM - 10:30 PM	51.5	47.9	01:05 AM - 01:10 AM	48.2	43.6
07:50 PM - 07:55 PM	57.0	54.0	10:30 PM - 10:35 PM	49.2	45.5	01:10 AM - 01:15 AM	47.4	41.2
07:55 PM - 08:00 PM	56.1	53.5	10:35 PM - 10:40 PM	47.7	43.6	01:15 AM - 01:20 AM	46.6	42.7
08:00 PM - 08:05 PM	55.1	52.9	10:40 PM - 10:45 PM	48.6	44.3	01:20 AM - 01:25 AM	46.0	42.1
08:05 PM - 08:10 PM	56.2	53.6	10:45 PM - 10:50 PM	48.4	44.6	01:25 AM - 01:30 AM	48.3	42.8
08:10 PM - 08:15 PM	56.0	53.6	10:50 PM - 10:55 PM	51.1	46.4	01:30 AM - 01:35 AM	57.3	44.5
08:15 PM - 08:20 PM	55.7	53.4	10:55 PM - 11:00 PM	52.0	49.3	01:35 AM - 01:40 AM	53.1	43.2
08:20 PM - 08:25 PM	55.3	52.9	11:00 PM - 11:05 PM	52.6	50.6	01:40 AM - 01:45 AM	46.7	41.4
08:25 PM - 08:30 PM	55.1	53.0	11:05 PM - 11:10 PM	51.2	45.9	01:45 AM - 01:50 AM	47.4	42.8
08:30 PM - 08:35 PM	54.9	52.9	11:10 PM - 11:15 PM	52.4	50.9	01:50 AM - 01:55 AM	45.8	41.7
08:35 PM - 08:40 PM	54.7	52.6	11:15 PM - 11:20 PM	60.0	50.3	01:55 AM - 02:00 AM	48.2	43.0
08:40 PM - 08:45 PM	54.6	52.2	11:20 PM - 11:25 PM	52.1	50.6	02:00 AM - 02:05 AM	46.9	42.5
08:45 PM - 08:50 PM	54.1	51.9	11:25 PM - 11:30 PM	51.7	47.1	02:05 AM - 02:10 AM	47.5	40.5
08:50 PM - 08:55 PM	54.1	51.8	11:30 PM - 11:35 PM	49.3	45.8	02:10 AM - 02:15 AM	47.3	44.3
08:55 PM - 09:00 PM	54.3	52.2	11:35 PM - 11:40 PM	50.0	45.4	02:15 AM - 02:20 AM	48.3	43.4
09:00 PM - 09:05 PM	53.3	51.8	11:40 PM - 11:45 PM	52.7	49.0	02:20 AM - 02:25 AM	48.7	43.8
09:05 PM - 09:10 PM	53.4	51.3	11:45 PM - 11:50 PM	53.4	49.6	02:25 AM - 02:30 AM	46.9	43.8
09:10 PM - 09:15 PM	52.9	50.9	11:50 PM - 11:55 PM	51.0	49.4	02:30 AM - 02:35 AM	45.5	41.4
09:15 PM - 09:20 PM	52.5	49.8	11:55 PM - 12:00 AM	50.5	46.9	02:35 AM - 02:40 AM	46.7	42.1
09:20 PM - 09:25 PM	52.6	51.1	12:00 AM - 12:05 AM	50.4	45.9	02:40 AM - 02:45 AM	53.4	43.6
09:25 PM - 09:30 PM	52.9	50.7	12:05 AM - 12:10 AM	46.4	43.9	02:45 AM - 02:50 AM	56.2	43.2
09:30 PM - 09:35 PM	50.7	46.2	12:10 AM - 12:15 AM	48.0	44.5	02:50 AM - 02:55 AM	55.7	42.5
09:35 PM - 09:40 PM	52.3	49.9	12:15 AM - 12:20 AM	49.3	44.9	02:55 AM - 03:00 AM	48.3	44.6

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645451-1

Page 3 of 3

Sample Number 2338271-5  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านโคกอุดมดี (N1)  
 Measurement Date May 02 - May 03, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233184

May 03, 2023 Time	Leq dB(A)	L90 dB(A)	May 03, 2023 Time	Leq dB(A)	L90 dB(A)	May 03, 2023 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	48.8	44.0	05:40 AM - 05:45 AM	51.6	47.7	08:20 AM - 08:25 AM	52.7	47.6
03:05 AM - 03:10 AM	48.7	43.4	05:45 AM - 05:50 AM	52.6	48.6	08:25 AM - 08:30 AM	51.9	47.5
03:10 AM - 03:15 AM	49.6	43.6	05:50 AM - 05:55 AM	52.7	50.0	08:30 AM - 08:35 AM	52.0	45.4
03:15 AM - 03:20 AM	50.3	44.5	05:55 AM - 06:00 AM	53.7	49.1	08:35 AM - 08:40 AM	51.1	45.7
03:20 AM - 03:25 AM	50.1	43.4	06:00 AM - 06:05 AM	53.4	49.7	08:40 AM - 08:45 AM	52.1	47.4
03:25 AM - 03:30 AM	51.1	44.5	06:05 AM - 06:10 AM	53.9	49.5	08:45 AM - 08:50 AM	54.2	48.8
03:30 AM - 03:35 AM	48.9	45.5	06:10 AM - 06:15 AM	52.3	49.1	08:50 AM - 08:55 AM	52.3	47.7
03:35 AM - 03:40 AM	50.5	47.8	06:15 AM - 06:20 AM	52.8	49.3	08:55 AM - 09:00 AM	50.2	47.3
03:40 AM - 03:45 AM	48.5	45.5	06:20 AM - 06:25 AM	53.3	49.0	09:00 AM - 09:05 AM	52.1	46.8
03:45 AM - 03:50 AM	50.0	46.1	06:25 AM - 06:30 AM	54.7	48.9	09:05 AM - 09:10 AM	52.1	47.4
03:50 AM - 03:55 AM	57.4	47.9	06:30 AM - 06:35 AM	53.0	48.1	09:10 AM - 09:15 AM	54.5	49.2
03:55 AM - 04:00 AM	52.5	48.1	06:35 AM - 06:40 AM	53.7	49.3	09:15 AM - 09:20 AM	54.6	49.1
04:00 AM - 04:05 AM	52.1	48.3	06:40 AM - 06:45 AM	51.9	47.1	09:20 AM - 09:25 AM	56.7	48.6
04:05 AM - 04:10 AM	54.9	49.4	06:45 AM - 06:50 AM	53.2	47.2	09:25 AM - 09:30 AM	52.0	47.5
04:10 AM - 04:15 AM	54.8	48.8	06:50 AM - 06:55 AM	51.4	47.0	09:30 AM - 09:35 AM	58.2	44.8
04:15 AM - 04:20 AM	52.4	49.5	06:55 AM - 07:00 AM	50.4	46.9	09:35 AM - 09:40 AM	52.2	47.9
04:20 AM - 04:25 AM	52.7	49.7	07:00 AM - 07:05 AM	51.2	46.2	09:40 AM - 09:45 AM	53.4	46.7
04:25 AM - 04:30 AM	54.4	52.7	07:05 AM - 07:10 AM	52.4	48.2	09:45 AM - 09:50 AM	52.4	46.6
04:30 AM - 04:35 AM	54.8	52.0	07:10 AM - 07:15 AM	52.6	49.1	09:50 AM - 09:55 AM	51.7	47.3
04:35 AM - 04:40 AM	52.4	49.3	07:15 AM - 07:20 AM	52.5	49.4	09:55 AM - 10:00 AM	50.9	47.0
04:40 AM - 04:45 AM	51.8	49.2	07:20 AM - 07:25 AM	50.9	45.8	10:00 AM - 10:05 AM	50.0	45.8
04:45 AM - 04:50 AM	54.0	51.0	07:25 AM - 07:30 AM	50.9	47.5	10:05 AM - 10:10 AM	51.1	45.7
04:50 AM - 04:55 AM	52.7	49.9	07:30 AM - 07:35 AM	50.4	47.1	10:10 AM - 10:15 AM	51.1	46.5
04:55 AM - 05:00 AM	52.6	48.9	07:35 AM - 07:40 AM	53.5	46.6	10:15 AM - 10:20 AM	50.6	47.4
05:00 AM - 05:05 AM	52.2	49.5	07:40 AM - 07:45 AM	53.7	47.9	10:20 AM - 10:25 AM	58.5	47.1
05:05 AM - 05:10 AM	52.9	48.4	07:45 AM - 07:50 AM	54.8	46.1	10:25 AM - 10:30 AM	56.5	48.3
05:10 AM - 05:15 AM	52.4	49.3	07:50 AM - 07:55 AM	53.3	46.3	10:30 AM - 10:35 AM	51.7	48.0
05:15 AM - 05:20 AM	55.6	48.6	07:55 AM - 08:00 AM	50.8	45.9	10:35 AM - 10:40 AM	51.9	47.8
05:20 AM - 05:25 AM	51.8	49.1	08:00 AM - 08:05 AM	55.6	46.1	10:40 AM - 10:45 AM	51.2	46.6
05:25 AM - 05:30 AM	52.2	48.7	08:05 AM - 08:10 AM	49.9	45.7	10:45 AM - 10:50 AM	51.0	46.1
05:30 AM - 05:35 AM	55.7	50.0	08:10 AM - 08:15 AM	50.4	44.9	10:50 AM - 10:55 AM	56.1	47.1
05:35 AM - 05:40 AM	52.9	49.8	08:15 AM - 08:20 AM	55.6	47.8	10:55 AM - 11:00 AM	58.3	48.8

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645454-1

Page 1 of 3

Sample Number : 2338271-8  
Parameter : Noise Level (Leq 5 min)  
Location : บ้านหนองระเนตร (N2)  
Measurement Date : Apr 28 - Apr 29, 2023  
Measurement by : Nontachai Uppathamp  
Sound Level meter : Serial No. 00233183

Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 28, 2023 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	52.2	40.5	02:40 PM - 02:45 PM	58.4	43.2	05:20 PM - 05:25 PM	52.4	45.5
12:05 PM - 12:10 PM	49.9	38.6	02:45 PM - 02:50 PM	53.2	43.3	05:25 PM - 05:30 PM	52.2	45.6
12:10 PM - 12:15 PM	50.9	40.5	02:50 PM - 02:55 PM	55.6	45.8	05:30 PM - 05:35 PM	54.3	46.2
12:15 PM - 12:20 PM	53.3	42.0	02:55 PM - 03:00 PM	55.4	45.8	05:35 PM - 05:40 PM	51.9	46.1
12:20 PM - 12:25 PM	44.2	35.4	03:00 PM - 03:05 PM	53.4	41.9	05:40 PM - 05:45 PM	51.5	45.1
12:25 PM - 12:30 PM	51.0	41.0	03:05 PM - 03:10 PM	50.3	42.5	05:45 PM - 05:50 PM	50.7	45.2
12:30 PM - 12:35 PM	52.7	38.1	03:10 PM - 03:15 PM	51.5	43.2	05:50 PM - 05:55 PM	54.9	44.3
12:35 PM - 12:40 PM	47.8	39.2	03:15 PM - 03:20 PM	55.9	43.1	05:55 PM - 06:00 PM	51.1	45.3
12:40 PM - 12:45 PM	58.2	40.1	03:20 PM - 03:25 PM	58.5	44.0	06:00 PM - 06:05 PM	54.8	45.3
12:45 PM - 12:50 PM	51.6	41.0	03:25 PM - 03:30 PM	58.1	48.3	06:05 PM - 06:10 PM	55.6	44.1
12:50 PM - 12:55 PM	48.1	40.5	03:30 PM - 03:35 PM	58.8	52.2	06:10 PM - 06:15 PM	51.2	43.5
12:55 PM - 01:00 PM	48.2	37.5	03:35 PM - 03:40 PM	54.9	47.7	06:15 PM - 06:20 PM	48.7	44.3
01:00 PM - 01:05 PM	49.2	39.8	03:40 PM - 03:45 PM	57.3	48.5	06:20 PM - 06:25 PM	48.4	44.7
01:05 PM - 01:10 PM	48.4	39.5	03:45 PM - 03:50 PM	53.6	44.2	06:25 PM - 06:30 PM	53.1	45.8
01:10 PM - 01:15 PM	52.4	37.8	03:50 PM - 03:55 PM	52.8	43.3	06:30 PM - 06:35 PM	53.0	46.2
01:15 PM - 01:20 PM	49.7	39.4	03:55 PM - 04:00 PM	53.5	45.1	06:35 PM - 06:40 PM	52.6	46.7
01:20 PM - 01:25 PM	52.9	39.7	04:00 PM - 04:05 PM	55.7	45.5	06:40 PM - 06:45 PM	51.9	45.1
01:25 PM - 01:30 PM	53.5	38.6	04:05 PM - 04:10 PM	51.5	43.3	06:45 PM - 06:50 PM	48.5	43.1
01:30 PM - 01:35 PM	46.8	38.6	04:10 PM - 04:15 PM	54.0	45.8	06:50 PM - 06:55 PM	50.8	43.2
01:35 PM - 01:40 PM	54.9	41.6	04:15 PM - 04:20 PM	53.2	43.6	06:55 PM - 07:00 PM	48.2	41.3
01:40 PM - 01:45 PM	55.7	47.7	04:20 PM - 04:25 PM	51.6	42.3	07:00 PM - 07:05 PM	47.8	43.2
01:45 PM - 01:50 PM	54.3	48.9	04:25 PM - 04:30 PM	51.1	41.7	07:05 PM - 07:10 PM	44.8	41.8
01:50 PM - 01:55 PM	51.8	44.0	04:30 PM - 04:35 PM	51.6	41.2	07:10 PM - 07:15 PM	54.4	41.9
01:55 PM - 02:00 PM	52.6	42.9	04:35 PM - 04:40 PM	49.5	39.6	07:15 PM - 07:20 PM	44.1	41.4
02:00 PM - 02:05 PM	54.0	44.7	04:40 PM - 04:45 PM	54.2	41.5	07:20 PM - 07:25 PM	45.1	41.4
02:05 PM - 02:10 PM	59.9	50.8	04:45 PM - 04:50 PM	49.4	42.1	07:25 PM - 07:30 PM	46.5	42.3
02:10 PM - 02:15 PM	62.9	54.4	04:50 PM - 04:55 PM	49.7	41.8	07:30 PM - 07:35 PM	47.2	42.5
02:15 PM - 02:20 PM	60.4	58.2	04:55 PM - 05:00 PM	50.5	42.2	07:35 PM - 07:40 PM	46.1	41.6
02:20 PM - 02:25 PM	57.8	53.0	05:00 PM - 05:05 PM	52.5	47.9	07:40 PM - 07:45 PM	48.5	41.2
02:25 PM - 02:30 PM	53.9	49.1	05:05 PM - 05:10 PM	51.3	48.1	07:45 PM - 07:50 PM	47.9	41.3
02:30 PM - 02:35 PM	52.3	47.6	05:10 PM - 05:15 PM	51.4	47.9	07:50 PM - 07:55 PM	46.1	41.7
02:35 PM - 02:40 PM	58.1	46.9	05:15 PM - 05:20 PM	49.1	45.1	07:55 PM - 08:00 PM	45.4	42.4

Approved by

Sarayuth Jitranont  
Assistant General Manager

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## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645454-1

Page 2 of 3

Sample Number 2338271-8  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date Apr 28 - Apr 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

Apr 28, 2023	Leq	L90	Apr 28 - Apr 29, 2023	Leq	L90	Apr 29, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	44.7	42.0	10:40 PM - 10:45 PM	44.3	39.8	01:20 AM - 01:25 AM	36.5	34.2
08:05 PM - 08:10 PM	46.8	41.6	10:45 PM - 10:50 PM	43.4	40.9	01:25 AM - 01:30 AM	36.7	34.2
08:10 PM - 08:15 PM	44.8	41.0	10:50 PM - 10:55 PM	45.9	41.8	01:30 AM - 01:35 AM	47.5	34.1
08:15 PM - 08:20 PM	43.7	41.4	10:55 PM - 11:00 PM	44.5	40.1	01:35 AM - 01:40 AM	40.3	34.1
08:20 PM - 08:25 PM	48.9	40.1	11:00 PM - 11:05 PM	45.8	39.9	01:40 AM - 01:45 AM	35.7	34.1
08:25 PM - 08:30 PM	48.9	41.1	11:05 PM - 11:10 PM	41.4	38.8	01:45 AM - 01:50 AM	40.3	34.7
08:30 PM - 08:35 PM	45.1	40.5	11:10 PM - 11:15 PM	47.8	39.8	01:50 AM - 01:55 AM	44.7	35.4
08:35 PM - 08:40 PM	42.6	39.5	11:15 PM - 11:20 PM	48.0	40.1	01:55 AM - 02:00 AM	43.2	35.0
08:40 PM - 08:45 PM	42.5	39.7	11:20 PM - 11:25 PM	41.6	39.2	02:00 AM - 02:05 AM	52.0	35.9
08:45 PM - 08:50 PM	40.6	39.7	11:25 PM - 11:30 PM	44.3	39.3	02:05 AM - 02:10 AM	36.6	35.7
08:50 PM - 08:55 PM	46.1	40.0	11:30 PM - 11:35 PM	39.9	38.1	02:10 AM - 02:15 AM	38.1	36.7
08:55 PM - 09:00 PM	43.7	42.0	11:35 PM - 11:40 PM	37.7	35.9	02:15 AM - 02:20 AM	36.5	35.1
09:00 PM - 09:05 PM	44.4	41.0	11:40 PM - 11:45 PM	41.4	37.3	02:20 AM - 02:25 AM	39.3	35.7
09:05 PM - 09:10 PM	43.4	40.6	11:45 PM - 11:50 PM	46.3	36.2	02:25 AM - 02:30 AM	45.7	36.5
09:10 PM - 09:15 PM	42.8	40.1	11:50 PM - 11:55 PM	42.8	38.4	02:30 AM - 02:35 AM	43.2	35.8
09:15 PM - 09:20 PM	46.8	39.8	11:55 PM - 12:00 AM	42.9	36.3	02:35 AM - 02:40 AM	40.6	36.5
09:20 PM - 09:25 PM	43.7	40.2	12:00 AM - 12:05 AM	40.2	35.6	02:40 AM - 02:45 AM	39.8	36.6
09:25 PM - 09:30 PM	57.9	42.1	12:05 AM - 12:10 AM	39.0	36.2	02:45 AM - 02:50 AM	41.5	36.3
09:30 PM - 09:35 PM	44.7	39.7	12:10 AM - 12:15 AM	38.6	37.1	02:50 AM - 02:55 AM	51.2	36.6
09:35 PM - 09:40 PM	46.4	41.6	12:15 AM - 12:20 AM	40.4	36.9	02:55 AM - 03:00 AM	42.2	36.6
09:40 PM - 09:45 PM	43.8	40.7	12:20 AM - 12:25 AM	44.7	36.2	03:00 AM - 03:05 AM	42.0	36.3
09:45 PM - 09:50 PM	42.0	39.2	12:25 AM - 12:30 AM	45.0	34.9	03:05 AM - 03:10 AM	45.3	37.3
09:50 PM - 09:55 PM	44.0	41.0	12:30 AM - 12:35 AM	38.8	36.0	03:10 AM - 03:15 AM	45.0	36.9
09:55 PM - 10:00 PM	49.7	40.5	12:35 AM - 12:40 AM	41.6	36.1	03:15 AM - 03:20 AM	51.6	36.5
10:00 PM - 10:05 PM	41.1	38.5	12:40 AM - 12:45 AM	38.8	35.8	03:20 AM - 03:25 AM	41.7	36.4
10:05 PM - 10:10 PM	53.1	39.3	12:45 AM - 12:50 AM	44.7	35.6	03:25 AM - 03:30 AM	48.3	38.5
10:10 PM - 10:15 PM	46.4	38.6	12:50 AM - 12:55 AM	41.5	35.3	03:30 AM - 03:35 AM	52.1	41.4
10:15 PM - 10:20 PM	43.7	37.6	12:55 AM - 01:00 AM	43.1	35.6	03:35 AM - 03:40 AM	46.0	39.7
10:20 PM - 10:25 PM	40.7	38.8	01:00 AM - 01:05 AM	37.7	35.0	03:40 AM - 03:45 AM	48.0	40.0
10:25 PM - 10:30 PM	48.1	38.7	01:05 AM - 01:10 AM	39.1	34.3	03:45 AM - 03:50 AM	45.0	39.4
10:30 PM - 10:35 PM	44.2	39.2	01:10 AM - 01:15 AM	44.7	34.1	03:50 AM - 03:55 AM	48.8	42.2
10:35 PM - 10:40 PM	47.6	39.6	01:15 AM - 01:20 AM	41.9	34.1	03:55 AM - 04:00 AM	53.5	48.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645454-1

Page 3 of 3

Sample Number : 2338271-8  
Parameter : Noise Level (Leq 5 min)  
Location : บ้านหนองระเนตร (N2)  
Measurement Date : Apr 28 - Apr 29, 2023  
Measurement by : Nontachai Uppathamp  
Sound Level meter : Serial No. 00233183

Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 29, 2023 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	56.3	48.0	06:40 AM - 06:45 AM	56.1	43.3	09:20 AM - 09:25 AM	52.3	40.3
04:05 AM - 04:10 AM	53.7	44.3	06:45 AM - 06:50 AM	54.7	44.2	09:25 AM - 09:30 AM	51.7	41.8
04:10 AM - 04:15 AM	52.6	43.5	06:50 AM - 06:55 AM	51.6	41.5	09:30 AM - 09:35 AM	53.2	43.4
04:15 AM - 04:20 AM	51.3	43.0	06:55 AM - 07:00 AM	51.3	40.2	09:35 AM - 09:40 AM	54.6	47.0
04:20 AM - 04:25 AM	53.7	43.0	07:00 AM - 07:05 AM	51.6	41.2	09:40 AM - 09:45 AM	54.0	48.2
04:25 AM - 04:30 AM	52.8	44.2	07:05 AM - 07:10 AM	50.1	40.8	09:45 AM - 09:50 AM	53.4	41.8
04:30 AM - 04:35 AM	51.2	44.0	07:10 AM - 07:15 AM	48.1	39.4	09:50 AM - 09:55 AM	52.4	42.9
04:35 AM - 04:40 AM	52.0	42.3	07:15 AM - 07:20 AM	51.5	44.7	09:55 AM - 10:00 AM	57.0	44.2
04:40 AM - 04:45 AM	54.8	42.9	07:20 AM - 07:25 AM	53.5	45.5	10:00 AM - 10:05 AM	52.8	45.6
04:45 AM - 04:50 AM	49.5	42.4	07:25 AM - 07:30 AM	57.3	42.1	10:05 AM - 10:10 AM	54.1	43.2
04:50 AM - 04:55 AM	51.1	42.0	07:30 AM - 07:35 AM	56.6	42.0	10:10 AM - 10:15 AM	61.7	49.7
04:55 AM - 05:00 AM	52.2	42.4	07:35 AM - 07:40 AM	53.2	40.9	10:15 AM - 10:20 AM	59.8	51.6
05:00 AM - 05:05 AM	51.7	44.6	07:40 AM - 07:45 AM	56.4	41.5	10:20 AM - 10:25 AM	57.1	45.5
05:05 AM - 05:10 AM	56.9	47.6	07:45 AM - 07:50 AM	53.6	41.7	10:25 AM - 10:30 AM	56.3	43.3
05:10 AM - 05:15 AM	50.5	43.0	07:50 AM - 07:55 AM	50.4	40.1	10:30 AM - 10:35 AM	51.1	43.2
05:15 AM - 05:20 AM	55.3	44.2	07:55 AM - 08:00 AM	50.5	42.0	10:35 AM - 10:40 AM	52.5	46.8
05:20 AM - 05:25 AM	52.1	43.2	08:00 AM - 08:05 AM	51.9	43.1	10:40 AM - 10:45 AM	51.0	45.7
05:25 AM - 05:30 AM	55.1	45.6	08:05 AM - 08:10 AM	51.6	42.8	10:45 AM - 10:50 AM	52.6	47.1
05:30 AM - 05:35 AM	52.4	43.9	08:10 AM - 08:15 AM	49.6	43.5	10:50 AM - 10:55 AM	52.0	46.9
05:35 AM - 05:40 AM	54.0	47.3	08:15 AM - 08:20 AM	51.8	42.6	10:55 AM - 11:00 AM	53.9	47.9
05:40 AM - 05:45 AM	56.1	44.4	08:20 AM - 08:25 AM	50.4	40.8	11:00 AM - 11:05 AM	52.2	46.6
05:45 AM - 05:50 AM	55.7	48.8	08:25 AM - 08:30 AM	57.0	41.6	11:05 AM - 11:10 AM	51.1	39.2
05:50 AM - 05:55 AM	57.4	45.8	08:30 AM - 08:35 AM	50.6	44.7	11:10 AM - 11:15 AM	45.9	36.8
05:55 AM - 06:00 AM	56.7	48.1	08:35 AM - 08:40 AM	52.1	45.9	11:15 AM - 11:20 AM	49.9	36.7
06:00 AM - 06:05 AM	54.7	45.5	08:40 AM - 08:45 AM	51.7	46.7	11:20 AM - 11:25 AM	57.8	40.2
06:05 AM - 06:10 AM	61.8	45.4	08:45 AM - 08:50 AM	55.0	47.1	11:25 AM - 11:30 AM	48.5	35.9
06:10 AM - 06:15 AM	53.2	44.3	08:50 AM - 08:55 AM	56.7	48.5	11:30 AM - 11:35 AM	52.5	42.8
06:15 AM - 06:20 AM	52.8	42.3	08:55 AM - 09:00 AM	55.0	46.4	11:35 AM - 11:40 AM	49.6	35.8
06:20 AM - 06:25 AM	57.1	42.4	09:00 AM - 09:05 AM	53.8	46.0	11:40 AM - 11:45 AM	49.8	36.3
06:25 AM - 06:30 AM	49.3	41.1	09:05 AM - 09:10 AM	61.2	48.8	11:45 AM - 11:50 AM	55.3	40.4
06:30 AM - 06:35 AM	52.9	42.3	09:10 AM - 09:15 AM	60.1	48.8	11:50 AM - 11:55 AM	51.9	38.4
06:35 AM - 06:40 AM	54.9	42.7	09:15 AM - 09:20 AM	56.0	43.1	11:55 AM - 12:00 PM	49.7	38.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645455-1

Page 1 of 3

Sample Number 2338271-9  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date Apr 29 - Apr 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

Apr 29, 2023	Leq	L90	Apr 29, 2023	Leq	L90	Apr 29, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
12:00 PM - 12:05 PM	51.1	41.6	02:40 PM - 02:45 PM	47.1	41.6	05:20 PM - 05:25 PM	48.2	44.0
12:05 PM - 12:10 PM	54.8	49.9	02:45 PM - 02:50 PM	53.4	40.5	05:25 PM - 05:30 PM	52.6	45.5
12:10 PM - 12:15 PM	55.8	50.7	02:50 PM - 02:55 PM	50.0	42.2	05:30 PM - 05:35 PM	50.1	45.6
12:15 PM - 12:20 PM	55.5	50.5	02:55 PM - 03:00 PM	50.8	40.4	05:35 PM - 05:40 PM	49.6	45.1
12:20 PM - 12:25 PM	58.5	48.5	03:00 PM - 03:05 PM	51.0	40.8	05:40 PM - 05:45 PM	51.3	45.3
12:25 PM - 12:30 PM	53.5	47.1	03:05 PM - 03:10 PM	57.8	40.1	05:45 PM - 05:50 PM	52.4	45.4
12:30 PM - 12:35 PM	57.4	48.9	03:10 PM - 03:15 PM	51.1	40.5	05:50 PM - 05:55 PM	54.6	43.7
12:35 PM - 12:40 PM	53.8	47.2	03:15 PM - 03:20 PM	49.9	42.6	05:55 PM - 06:00 PM	51.7	45.3
12:40 PM - 12:45 PM	57.0	48.1	03:20 PM - 03:25 PM	50.6	43.1	06:00 PM - 06:05 PM	50.1	44.3
12:45 PM - 12:50 PM	57.8	51.4	03:25 PM - 03:30 PM	55.5	43.6	06:05 PM - 06:10 PM	53.1	41.3
12:50 PM - 12:55 PM	52.2	45.5	03:30 PM - 03:35 PM	56.1	47.7	06:10 PM - 06:15 PM	47.5	41.3
12:55 PM - 01:00 PM	53.5	45.7	03:35 PM - 03:40 PM	56.1	49.1	06:15 PM - 06:20 PM	47.4	43.0
01:00 PM - 01:05 PM	53.3	47.4	03:40 PM - 03:45 PM	55.6	45.9	06:20 PM - 06:25 PM	46.4	42.7
01:05 PM - 01:10 PM	51.7	47.1	03:45 PM - 03:50 PM	51.8	41.9	06:25 PM - 06:30 PM	50.1	43.3
01:10 PM - 01:15 PM	50.9	46.7	03:50 PM - 03:55 PM	53.9	44.4	06:30 PM - 06:35 PM	47.7	42.9
01:15 PM - 01:20 PM	51.9	46.6	03:55 PM - 04:00 PM	55.1	43.2	06:35 PM - 06:40 PM	54.3	44.4
01:20 PM - 01:25 PM	53.1	48.2	04:00 PM - 04:05 PM	56.8	44.3	06:40 PM - 06:45 PM	47.9	41.6
01:25 PM - 01:30 PM	55.7	48.0	04:05 PM - 04:10 PM	53.1	41.4	06:45 PM - 06:50 PM	47.4	41.7
01:30 PM - 01:35 PM	53.2	48.8	04:10 PM - 04:15 PM	51.5	39.6	06:50 PM - 06:55 PM	48.4	42.6
01:35 PM - 01:40 PM	52.5	45.4	04:15 PM - 04:20 PM	58.4	40.4	06:55 PM - 07:00 PM	47.3	42.8
01:40 PM - 01:45 PM	51.5	42.8	04:20 PM - 04:25 PM	49.2	40.1	07:00 PM - 07:05 PM	46.4	42.4
01:45 PM - 01:50 PM	56.5	46.6	04:25 PM - 04:30 PM	49.1	42.2	07:05 PM - 07:10 PM	48.9	43.0
01:50 PM - 01:55 PM	52.2	47.6	04:30 PM - 04:35 PM	47.6	40.6	07:10 PM - 07:15 PM	46.4	42.8
01:55 PM - 02:00 PM	52.2	48.0	04:35 PM - 04:40 PM	49.5	43.7	07:15 PM - 07:20 PM	48.8	43.6
02:00 PM - 02:05 PM	54.4	47.7	04:40 PM - 04:45 PM	52.4	42.7	07:20 PM - 07:25 PM	49.1	43.9
02:05 PM - 02:10 PM	56.1	46.5	04:45 PM - 04:50 PM	49.7	41.4	07:25 PM - 07:30 PM	48.7	43.2
02:10 PM - 02:15 PM	51.1	41.9	04:50 PM - 04:55 PM	48.1	42.9	07:30 PM - 07:35 PM	46.4	45.0
02:15 PM - 02:20 PM	55.9	42.0	04:55 PM - 05:00 PM	53.0	44.2	07:35 PM - 07:40 PM	47.5	45.2
02:20 PM - 02:25 PM	53.0	42.9	05:00 PM - 05:05 PM	55.4	53.7	07:40 PM - 07:45 PM	48.2	45.1
02:25 PM - 02:30 PM	54.0	45.7	05:05 PM - 05:10 PM	52.3	47.3	07:45 PM - 07:50 PM	47.0	44.1
02:30 PM - 02:35 PM	51.4	42.2	05:10 PM - 05:15 PM	49.7	44.4	07:50 PM - 07:55 PM	47.1	41.1
02:35 PM - 02:40 PM	50.4	41.9	05:15 PM - 05:20 PM	51.1	44.6	07:55 PM - 08:00 PM	48.3	40.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645455-1

Page 2 of 3

Sample Number 2338271-9  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date Apr 29 - Apr 30, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

Apr 29, 2023	Leq	L90	Apr 29 - Apr 30, 2023	Leq	L90	Apr 30, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	41.7	39.0	10:40 PM - 10:45 PM	42.2	40.0	01:20 AM - 01:25 AM	38.5	36.2
08:05 PM - 08:10 PM	49.4	39.9	10:45 PM - 10:50 PM	43.1	40.3	01:25 AM - 01:30 AM	43.8	39.7
08:10 PM - 08:15 PM	41.6	38.9	10:50 PM - 10:55 PM	43.3	40.6	01:30 AM - 01:35 AM	43.1	39.5
08:15 PM - 08:20 PM	44.6	40.9	10:55 PM - 11:00 PM	46.3	40.7	01:35 AM - 01:40 AM	40.6	38.1
08:20 PM - 08:25 PM	47.3	41.7	11:00 PM - 11:05 PM	42.3	38.6	01:40 AM - 01:45 AM	38.6	36.8
08:25 PM - 08:30 PM	45.7	41.3	11:05 PM - 11:10 PM	39.4	38.1	01:45 AM - 01:50 AM	41.3	36.4
08:30 PM - 08:35 PM	44.9	41.0	11:10 PM - 11:15 PM	40.0	38.0	01:50 AM - 01:55 AM	38.1	36.3
08:35 PM - 08:40 PM	44.2	40.7	11:15 PM - 11:20 PM	40.3	38.9	01:55 AM - 02:00 AM	47.7	38.0
08:40 PM - 08:45 PM	43.4	41.1	11:20 PM - 11:25 PM	43.5	39.8	02:00 AM - 02:05 AM	42.3	37.8
08:45 PM - 08:50 PM	44.2	40.7	11:25 PM - 11:30 PM	43.9	38.9	02:05 AM - 02:10 AM	40.7	38.1
08:50 PM - 08:55 PM	46.1	41.4	11:30 PM - 11:35 PM	41.9	39.3	02:10 AM - 02:15 AM	47.5	36.5
08:55 PM - 09:00 PM	45.5	41.6	11:35 PM - 11:40 PM	40.5	38.8	02:15 AM - 02:20 AM	41.7	37.9
09:00 PM - 09:05 PM	45.7	41.7	11:40 PM - 11:45 PM	40.1	38.3	02:20 AM - 02:25 AM	42.6	37.7
09:05 PM - 09:10 PM	49.4	41.5	11:45 PM - 11:50 PM	41.8	38.9	02:25 AM - 02:30 AM	42.2	38.3
09:10 PM - 09:15 PM	43.5	41.2	11:50 PM - 11:55 PM	39.1	38.0	02:30 AM - 02:35 AM	42.6	37.8
09:15 PM - 09:20 PM	44.8	40.6	11:55 PM - 12:00 AM	46.3	39.8	02:35 AM - 02:40 AM	40.9	38.3
09:20 PM - 09:25 PM	43.9	40.5	12:00 AM - 12:05 AM	46.1	40.1	02:40 AM - 02:45 AM	42.6	38.1
09:25 PM - 09:30 PM	41.6	40.7	12:05 AM - 12:10 AM	53.9	38.9	02:45 AM - 02:50 AM	44.6	37.5
09:30 PM - 09:35 PM	42.4	40.7	12:10 AM - 12:15 AM	40.6	38.4	02:50 AM - 02:55 AM	42.3	37.2
09:35 PM - 09:40 PM	43.5	40.4	12:15 AM - 12:20 AM	47.8	37.6	02:55 AM - 03:00 AM	44.4	36.8
09:40 PM - 09:45 PM	42.1	39.6	12:20 AM - 12:25 AM	40.6	37.9	03:00 AM - 03:05 AM	38.9	35.4
09:45 PM - 09:50 PM	40.6	38.6	12:25 AM - 12:30 AM	44.3	39.6	03:05 AM - 03:10 AM	41.9	34.4
09:50 PM - 09:55 PM	46.7	40.1	12:30 AM - 12:35 AM	39.0	37.6	03:10 AM - 03:15 AM	41.1	34.8
09:55 PM - 10:00 PM	49.5	40.7	12:35 AM - 12:40 AM	41.3	38.6	03:15 AM - 03:20 AM	43.0	36.8
10:00 PM - 10:05 PM	42.3	40.7	12:40 AM - 12:45 AM	40.9	38.9	03:20 AM - 03:25 AM	43.4	36.0
10:05 PM - 10:10 PM	43.0	41.6	12:45 AM - 12:50 AM	48.8	38.8	03:25 AM - 03:30 AM	48.1	36.9
10:10 PM - 10:15 PM	45.6	42.2	12:50 AM - 12:55 AM	43.7	37.1	03:30 AM - 03:35 AM	51.2	38.7
10:15 PM - 10:20 PM	43.9	41.6	12:55 AM - 01:00 AM	42.2	37.1	03:35 AM - 03:40 AM	51.3	37.2
10:20 PM - 10:25 PM	45.3	41.4	01:00 AM - 01:05 AM	40.0	36.9	03:40 AM - 03:45 AM	43.1	37.2
10:25 PM - 10:30 PM	45.2	40.2	01:05 AM - 01:10 AM	39.2	36.8	03:45 AM - 03:50 AM	43.4	39.1
10:30 PM - 10:35 PM	45.7	40.6	01:10 AM - 01:15 AM	40.7	36.8	03:50 AM - 03:55 AM	49.6	39.9
10:35 PM - 10:40 PM	44.3	39.8	01:15 AM - 01:20 AM	39.1	36.5	03:55 AM - 04:00 AM	54.7	50.2

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645455-1

Page 3 of 3

Sample Number : 2338271-9  
 Parameter : Noise Level (Leq 5 min)  
 Location : บ้านหนองระเนตร (N2)  
 Measurement Date : Apr 29 - Apr 30, 2023  
 Measurement by : Nontachai Uppathamp  
 Sound Level meter : Serial No. 00233183

Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	56.4	48.8	06:40 AM - 06:45 AM	48.4	40.9	09:20 AM - 09:25 AM	58.4	42.5
04:05 AM - 04:10 AM	51.4	44.0	06:45 AM - 06:50 AM	51.7	40.0	09:25 AM - 09:30 AM	45.3	39.6
04:10 AM - 04:15 AM	55.1	46.1	06:50 AM - 06:55 AM	50.0	42.3	09:30 AM - 09:35 AM	52.2	41.3
04:15 AM - 04:20 AM	55.3	45.4	06:55 AM - 07:00 AM	52.2	42.7	09:35 AM - 09:40 AM	52.5	40.3
04:20 AM - 04:25 AM	53.4	42.4	07:00 AM - 07:05 AM	53.7	43.2	09:40 AM - 09:45 AM	51.3	41.6
04:25 AM - 04:30 AM	53.7	43.0	07:05 AM - 07:10 AM	49.7	42.6	09:45 AM - 09:50 AM	45.5	39.7
04:30 AM - 04:35 AM	52.3	42.2	07:10 AM - 07:15 AM	53.8	43.2	09:50 AM - 09:55 AM	49.1	38.7
04:35 AM - 04:40 AM	50.0	42.4	07:15 AM - 07:20 AM	47.7	42.4	09:55 AM - 10:00 AM	49.6	40.0
04:40 AM - 04:45 AM	54.1	41.6	07:20 AM - 07:25 AM	49.1	43.4	10:00 AM - 10:05 AM	51.1	41.0
04:45 AM - 04:50 AM	59.5	41.9	07:25 AM - 07:30 AM	50.9	43.5	10:05 AM - 10:10 AM	49.6	39.5
04:50 AM - 04:55 AM	57.3	39.7	07:30 AM - 07:35 AM	50.4	43.6	10:10 AM - 10:15 AM	49.5	37.7
04:55 AM - 05:00 AM	55.6	40.9	07:35 AM - 07:40 AM	48.9	43.3	10:15 AM - 10:20 AM	53.5	38.7
05:00 AM - 05:05 AM	57.3	41.0	07:40 AM - 07:45 AM	50.3	44.9	10:20 AM - 10:25 AM	59.8	38.7
05:05 AM - 05:10 AM	56.8	39.6	07:45 AM - 07:50 AM	47.8	43.4	10:25 AM - 10:30 AM	54.1	42.8
05:10 AM - 05:15 AM	57.6	41.5	07:50 AM - 07:55 AM	47.4	43.2	10:30 AM - 10:35 AM	47.1	39.1
05:15 AM - 05:20 AM	51.2	39.1	07:55 AM - 08:00 AM	50.0	44.2	10:35 AM - 10:40 AM	53.1	41.4
05:20 AM - 05:25 AM	61.0	39.5	08:00 AM - 08:05 AM	51.3	46.2	10:40 AM - 10:45 AM	51.5	40.2
05:25 AM - 05:30 AM	56.4	40.9	08:05 AM - 08:10 AM	54.0	45.2	10:45 AM - 10:50 AM	50.3	40.7
05:30 AM - 05:35 AM	55.0	43.0	08:10 AM - 08:15 AM	58.8	44.1	10:50 AM - 10:55 AM	50.6	40.4
05:35 AM - 05:40 AM	51.0	42.9	08:15 AM - 08:20 AM	52.3	45.0	10:55 AM - 11:00 AM	58.1	42.2
05:40 AM - 05:45 AM	54.2	42.6	08:20 AM - 08:25 AM	54.8	43.7	11:00 AM - 11:05 AM	47.4	41.0
05:45 AM - 05:50 AM	52.0	40.8	08:25 AM - 08:30 AM	53.1	45.9	11:05 AM - 11:10 AM	52.3	41.9
05:50 AM - 05:55 AM	55.9	43.2	08:30 AM - 08:35 AM	51.4	45.7	11:10 AM - 11:15 AM	53.3	45.9
05:55 AM - 06:00 AM	55.3	41.9	08:35 AM - 08:40 AM	55.0	47.3	11:15 AM - 11:20 AM	54.4	45.8
06:00 AM - 06:05 AM	53.4	43.5	08:40 AM - 08:45 AM	58.3	49.8	11:20 AM - 11:25 AM	47.3	43.0
06:05 AM - 06:10 AM	52.2	41.6	08:45 AM - 08:50 AM	54.6	46.9	11:25 AM - 11:30 AM	52.8	41.6
06:10 AM - 06:15 AM	49.4	40.3	08:50 AM - 08:55 AM	58.9	45.2	11:30 AM - 11:35 AM	60.0	42.0
06:15 AM - 06:20 AM	54.2	41.8	08:55 AM - 09:00 AM	55.1	48.0	11:35 AM - 11:40 AM	49.2	42.4
06:20 AM - 06:25 AM	52.5	42.4	09:00 AM - 09:05 AM	48.8	44.1	11:40 AM - 11:45 AM	48.9	42.8
06:25 AM - 06:30 AM	53.3	42.0	09:05 AM - 09:10 AM	54.3	44.6	11:45 AM - 11:50 AM	51.8	42.9
06:30 AM - 06:35 AM	55.2	42.2	09:10 AM - 09:15 AM	55.5	43.8	11:50 AM - 11:55 AM	47.1	40.8
06:35 AM - 06:40 AM	50.1	40.2	09:15 AM - 09:20 AM	51.9	43.9	11:55 AM - 12:00 PM	48.1	41.4

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645456-1

Page 1 of 3

Sample Number 2338271-10  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date Apr 30 - May 01, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)	Apr 30, 2023 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	54.5	43.6	02:40 PM - 02:45 PM	50.0	39.9	05:20 PM - 05:25 PM	50.3	42.2
12:05 PM - 12:10 PM	49.4	42.7	02:45 PM - 02:50 PM	49.4	37.6	05:25 PM - 05:30 PM	48.3	42.1
12:10 PM - 12:15 PM	52.8	42.0	02:50 PM - 02:55 PM	47.6	37.2	05:30 PM - 05:35 PM	47.7	41.3
12:15 PM - 12:20 PM	48.2	42.8	02:55 PM - 03:00 PM	46.5	37.2	05:35 PM - 05:40 PM	48.8	41.6
12:20 PM - 12:25 PM	46.2	40.9	03:00 PM - 03:05 PM	50.4	40.0	05:40 PM - 05:45 PM	48.4	41.4
12:25 PM - 12:30 PM	46.0	41.0	03:05 PM - 03:10 PM	49.1	37.5	05:45 PM - 05:50 PM	47.1	41.6
12:30 PM - 12:35 PM	47.8	41.4	03:10 PM - 03:15 PM	47.7	39.1	05:50 PM - 05:55 PM	50.5	41.7
12:35 PM - 12:40 PM	47.7	41.7	03:15 PM - 03:20 PM	51.0	38.5	05:55 PM - 06:00 PM	53.0	42.5
12:40 PM - 12:45 PM	51.1	41.9	03:20 PM - 03:25 PM	50.2	39.1	06:00 PM - 06:05 PM	48.6	43.1
12:45 PM - 12:50 PM	51.3	42.5	03:25 PM - 03:30 PM	55.2	40.2	06:05 PM - 06:10 PM	50.9	44.0
12:50 PM - 12:55 PM	51.1	40.1	03:30 PM - 03:35 PM	49.8	38.3	06:10 PM - 06:15 PM	45.9	41.8
12:55 PM - 01:00 PM	49.4	40.0	03:35 PM - 03:40 PM	52.2	40.4	06:15 PM - 06:20 PM	43.7	41.8
01:00 PM - 01:05 PM	47.1	39.8	03:40 PM - 03:45 PM	49.9	39.1	06:20 PM - 06:25 PM	50.0	42.3
01:05 PM - 01:10 PM	52.7	42.3	03:45 PM - 03:50 PM	53.7	42.9	06:25 PM - 06:30 PM	47.0	42.4
01:10 PM - 01:15 PM	57.5	41.0	03:50 PM - 03:55 PM	49.1	41.6	06:30 PM - 06:35 PM	46.7	41.7
01:15 PM - 01:20 PM	47.6	41.0	03:55 PM - 04:00 PM	54.8	42.1	06:35 PM - 06:40 PM	51.0	41.9
01:20 PM - 01:25 PM	56.1	42.4	04:00 PM - 04:05 PM	52.1	43.4	06:40 PM - 06:45 PM	49.8	42.1
01:25 PM - 01:30 PM	51.6	39.6	04:05 PM - 04:10 PM	54.1	43.9	06:45 PM - 06:50 PM	43.9	41.4
01:30 PM - 01:35 PM	45.5	39.5	04:10 PM - 04:15 PM	48.8	43.0	06:50 PM - 06:55 PM	46.7	42.2
01:35 PM - 01:40 PM	45.5	38.2	04:15 PM - 04:20 PM	47.2	42.3	06:55 PM - 07:00 PM	49.0	41.7
01:40 PM - 01:45 PM	48.8	40.0	04:20 PM - 04:25 PM	49.6	41.3	07:00 PM - 07:05 PM	47.7	42.0
01:45 PM - 01:50 PM	50.6	40.1	04:25 PM - 04:30 PM	47.3	41.4	07:05 PM - 07:10 PM	52.0	42.1
01:50 PM - 01:55 PM	44.9	39.2	04:30 PM - 04:35 PM	50.0	41.2	07:10 PM - 07:15 PM	46.7	41.5
01:55 PM - 02:00 PM	48.1	39.0	04:35 PM - 04:40 PM	61.1	41.2	07:15 PM - 07:20 PM	45.9	41.3
02:00 PM - 02:05 PM	51.1	39.3	04:40 PM - 04:45 PM	59.4	41.7	07:20 PM - 07:25 PM	48.2	42.2
02:05 PM - 02:10 PM	49.8	38.9	04:45 PM - 04:50 PM	47.7	39.2	07:25 PM - 07:30 PM	46.2	41.7
02:10 PM - 02:15 PM	47.8	38.0	04:50 PM - 04:55 PM	56.4	42.4	07:30 PM - 07:35 PM	43.0	41.2
02:15 PM - 02:20 PM	45.3	38.2	04:55 PM - 05:00 PM	54.9	43.6	07:35 PM - 07:40 PM	48.1	41.7
02:20 PM - 02:25 PM	49.1	39.0	05:00 PM - 05:05 PM	50.7	47.7	07:40 PM - 07:45 PM	44.1	42.5
02:25 PM - 02:30 PM	48.8	39.7	05:05 PM - 05:10 PM	48.2	45.3	07:45 PM - 07:50 PM	43.7	41.6
02:30 PM - 02:35 PM	45.5	38.0	05:10 PM - 05:15 PM	51.5	42.4	07:50 PM - 07:55 PM	44.8	41.8
02:35 PM - 02:40 PM	45.8	37.4	05:15 PM - 05:20 PM	47.8	40.5	07:55 PM - 08:00 PM	43.8	41.8

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Approved by

Sarayuth Jitranont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645456-1

Page 2 of 3

Sample Number 2338271-10  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

Apr 30, 2023	Leq	L90	Apr 30 - May 01, 2023	Leq	L90	May 01, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	44.4	41.8	10:40 PM - 10:45 PM	43.3	39.4	01:20 AM - 01:25 AM	39.9	38.4
08:05 PM - 08:10 PM	42.4	41.5	10:45 PM - 10:50 PM	43.6	39.5	01:25 AM - 01:30 AM	38.7	37.7
08:10 PM - 08:15 PM	46.9	41.6	10:50 PM - 10:55 PM	40.5	39.3	01:30 AM - 01:35 AM	38.5	37.5
08:15 PM - 08:20 PM	43.0	41.4	10:55 PM - 11:00 PM	46.8	39.8	01:35 AM - 01:40 AM	39.9	36.7
08:20 PM - 08:25 PM	44.5	41.3	11:00 PM - 11:05 PM	46.6	40.3	01:40 AM - 01:45 AM	47.0	38.3
08:25 PM - 08:30 PM	44.0	41.8	11:05 PM - 11:10 PM	44.5	38.9	01:45 AM - 01:50 AM	52.3	37.2
08:30 PM - 08:35 PM	47.2	41.7	11:10 PM - 11:15 PM	41.5	38.7	01:50 AM - 01:55 AM	39.3	36.4
08:35 PM - 08:40 PM	44.8	41.4	11:15 PM - 11:20 PM	40.6	39.0	01:55 AM - 02:00 AM	43.5	36.8
08:40 PM - 08:45 PM	42.2	41.1	11:20 PM - 11:25 PM	43.1	39.2	02:00 AM - 02:05 AM	41.3	36.9
08:45 PM - 08:50 PM	44.4	41.7	11:25 PM - 11:30 PM	41.2	39.2	02:05 AM - 02:10 AM	42.7	38.4
08:50 PM - 08:55 PM	43.4	40.8	11:30 PM - 11:35 PM	44.4	39.3	02:10 AM - 02:15 AM	40.1	37.4
08:55 PM - 09:00 PM	42.6	40.8	11:35 PM - 11:40 PM	48.5	37.5	02:15 AM - 02:20 AM	41.2	38.7
09:00 PM - 09:05 PM	44.6	40.5	11:40 PM - 11:45 PM	39.3	37.1	02:20 AM - 02:25 AM	38.8	37.6
09:05 PM - 09:10 PM	44.5	41.0	11:45 PM - 11:50 PM	40.9	37.8	02:25 AM - 02:30 AM	38.1	36.9
09:10 PM - 09:15 PM	43.8	40.6	11:50 PM - 11:55 PM	42.5	37.9	02:30 AM - 02:35 AM	40.8	37.1
09:15 PM - 09:20 PM	46.5	40.7	11:55 PM - 12:00 AM	41.3	38.0	02:35 AM - 02:40 AM	39.5	36.4
09:20 PM - 09:25 PM	55.0	40.0	12:00 AM - 12:05 AM	39.5	37.8	02:40 AM - 02:45 AM	40.2	37.4
09:25 PM - 09:30 PM	42.4	39.6	12:05 AM - 12:10 AM	37.9	37.3	02:45 AM - 02:50 AM	40.2	36.6
09:30 PM - 09:35 PM	46.9	39.7	12:10 AM - 12:15 AM	38.4	37.6	02:50 AM - 02:55 AM	40.3	38.3
09:35 PM - 09:40 PM	44.5	40.4	12:15 AM - 12:20 AM	45.6	37.5	02:55 AM - 03:00 AM	47.4	40.1
09:40 PM - 09:45 PM	43.4	40.8	12:20 AM - 12:25 AM	39.0	38.0	03:00 AM - 03:05 AM	41.7	38.9
09:45 PM - 09:50 PM	44.5	40.3	12:25 AM - 12:30 AM	42.7	40.0	03:05 AM - 03:10 AM	41.5	39.6
09:50 PM - 09:55 PM	45.7	40.6	12:30 AM - 12:35 AM	42.0	39.4	03:10 AM - 03:15 AM	42.6	41.1
09:55 PM - 10:00 PM	41.0	40.1	12:35 AM - 12:40 AM	44.6	39.1	03:15 AM - 03:20 AM	42.8	41.3
10:00 PM - 10:05 PM	44.5	38.9	12:40 AM - 12:45 AM	45.4	38.6	03:20 AM - 03:25 AM	42.3	40.0
10:05 PM - 10:10 PM	53.6	41.0	12:45 AM - 12:50 AM	40.2	37.6	03:25 AM - 03:30 AM	42.4	40.6
10:10 PM - 10:15 PM	52.2	40.6	12:50 AM - 12:55 AM	40.0	37.0	03:30 AM - 03:35 AM	43.4	41.3
10:15 PM - 10:20 PM	42.7	40.6	12:55 AM - 01:00 AM	38.9	37.6	03:35 AM - 03:40 AM	47.9	42.1
10:20 PM - 10:25 PM	43.3	41.4	01:00 AM - 01:05 AM	42.1	37.9	03:40 AM - 03:45 AM	52.9	42.3
10:25 PM - 10:30 PM	43.1	40.7	01:05 AM - 01:10 AM	41.8	38.2	03:45 AM - 03:50 AM	47.3	43.8
10:30 PM - 10:35 PM	45.1	39.5	01:10 AM - 01:15 AM	40.0	38.6	03:50 AM - 03:55 AM	54.8	47.1
10:35 PM - 10:40 PM	44.3	39.5	01:15 AM - 01:20 AM	42.9	38.3	03:55 AM - 04:00 AM	50.3	46.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645456-1

Page 3 of 3

Sample Number 2338271-10  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date Apr 30 - May 01, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	51.3	45.9	06:40 AM - 06:45 AM	46.5	39.5	09:20 AM - 09:25 AM	46.3	37.3
04:05 AM - 04:10 AM	53.3	43.1	06:45 AM - 06:50 AM	47.5	39.0	09:25 AM - 09:30 AM	48.5	35.1
04:10 AM - 04:15 AM	49.6	42.1	06:50 AM - 06:55 AM	49.2	38.5	09:30 AM - 09:35 AM	47.8	37.4
04:15 AM - 04:20 AM	49.9	41.4	06:55 AM - 07:00 AM	49.4	40.1	09:35 AM - 09:40 AM	50.9	39.3
04:20 AM - 04:25 AM	57.4	41.2	07:00 AM - 07:05 AM	47.8	39.1	09:40 AM - 09:45 AM	46.9	37.4
04:25 AM - 04:30 AM	46.2	40.0	07:05 AM - 07:10 AM	48.6	38.6	09:45 AM - 09:50 AM	48.5	39.1
04:30 AM - 04:35 AM	55.1	41.1	07:10 AM - 07:15 AM	48.3	39.7	09:50 AM - 09:55 AM	51.1	38.2
04:35 AM - 04:40 AM	52.7	38.3	07:15 AM - 07:20 AM	48.7	41.9	09:55 AM - 10:00 AM	51.6	39.4
04:40 AM - 04:45 AM	51.3	40.4	07:20 AM - 07:25 AM	49.1	40.9	10:00 AM - 10:05 AM	48.4	37.4
04:45 AM - 04:50 AM	45.3	40.4	07:25 AM - 07:30 AM	47.9	42.8	10:05 AM - 10:10 AM	47.1	34.3
04:50 AM - 04:55 AM	51.5	40.4	07:30 AM - 07:35 AM	50.3	44.9	10:10 AM - 10:15 AM	47.4	35.1
04:55 AM - 05:00 AM	50.1	41.3	07:35 AM - 07:40 AM	50.8	44.0	10:15 AM - 10:20 AM	51.8	39.4
05:00 AM - 05:05 AM	50.1	39.6	07:40 AM - 07:45 AM	46.9	38.7	10:20 AM - 10:25 AM	48.6	36.7
05:05 AM - 05:10 AM	48.1	41.3	07:45 AM - 07:50 AM	48.3	39.2	10:25 AM - 10:30 AM	50.3	38.9
05:10 AM - 05:15 AM	48.7	40.4	07:50 AM - 07:55 AM	50.0	41.5	10:30 AM - 10:35 AM	50.8	39.0
05:15 AM - 05:20 AM	54.7	41.2	07:55 AM - 08:00 AM	47.7	40.9	10:35 AM - 10:40 AM	48.7	38.7
05:20 AM - 05:25 AM	48.1	40.8	08:00 AM - 08:05 AM	48.8	42.5	10:40 AM - 10:45 AM	47.9	38.6
05:25 AM - 05:30 AM	51.1	41.0	08:05 AM - 08:10 AM	59.4	42.0	10:45 AM - 10:50 AM	48.9	35.2
05:30 AM - 05:35 AM	51.2	41.7	08:10 AM - 08:15 AM	48.4	38.1	10:50 AM - 10:55 AM	53.4	38.4
05:35 AM - 05:40 AM	50.6	41.4	08:15 AM - 08:20 AM	46.1	37.4	10:55 AM - 11:00 AM	47.5	36.1
05:40 AM - 05:45 AM	53.7	40.6	08:20 AM - 08:25 AM	48.7	38.6	11:00 AM - 11:05 AM	47.8	36.8
05:45 AM - 05:50 AM	55.6	39.9	08:25 AM - 08:30 AM	45.8	38.0	11:05 AM - 11:10 AM	46.9	37.5
05:50 AM - 05:55 AM	53.7	40.5	08:30 AM - 08:35 AM	47.3	41.2	11:10 AM - 11:15 AM	48.5	33.6
05:55 AM - 06:00 AM	49.2	38.9	08:35 AM - 08:40 AM	48.3	41.4	11:15 AM - 11:20 AM	48.6	36.4
06:00 AM - 06:05 AM	50.6	40.3	08:40 AM - 08:45 AM	57.2	41.3	11:20 AM - 11:25 AM	46.9	36.3
06:05 AM - 06:10 AM	50.6	40.3	08:45 AM - 08:50 AM	52.4	41.5	11:25 AM - 11:30 AM	51.6	36.3
06:10 AM - 06:15 AM	50.2	41.4	08:50 AM - 08:55 AM	50.3	40.8	11:30 AM - 11:35 AM	50.4	35.8
06:15 AM - 06:20 AM	49.4	41.1	08:55 AM - 09:00 AM	48.0	39.8	11:35 AM - 11:40 AM	46.2	33.1
06:20 AM - 06:25 AM	50.6	41.0	09:00 AM - 09:05 AM	45.6	34.1	11:40 AM - 11:45 AM	47.1	36.1
06:25 AM - 06:30 AM	49.6	40.2	09:05 AM - 09:10 AM	50.5	35.3	11:45 AM - 11:50 AM	49.5	35.8
06:30 AM - 06:35 AM	50.0	40.8	09:10 AM - 09:15 AM	52.2	39.0	11:50 AM - 11:55 AM	44.9	36.5
06:35 AM - 06:40 AM	51.4	42.0	09:15 AM - 09:20 AM	48.8	39.5	11:55 AM - 12:00 PM	42.3	35.4

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645457-1

Page 1 of 3

Sample Number 2338271-11  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date May 01 - May 02, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)	May 01, 2023 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	47.0	33.6	02:40 PM - 02:45 PM	69.1	68.1	05:20 PM - 05:25 PM	48.4	46.4
12:05 PM - 12:10 PM	43.1	36.6	02:45 PM - 02:50 PM	66.6	60.9	05:25 PM - 05:30 PM	48.3	46.7
12:10 PM - 12:15 PM	44.5	32.8	02:50 PM - 02:55 PM	61.8	56.7	05:30 PM - 05:35 PM	49.3	45.9
12:15 PM - 12:20 PM	43.6	33.7	02:55 PM - 03:00 PM	58.6	51.9	05:35 PM - 05:40 PM	48.9	45.1
12:20 PM - 12:25 PM	46.0	34.4	03:00 PM - 03:05 PM	60.7	53.9	05:40 PM - 05:45 PM	48.1	45.2
12:25 PM - 12:30 PM	48.0	34.7	03:05 PM - 03:10 PM	59.6	58.4	05:45 PM - 05:50 PM	46.8	44.5
12:30 PM - 12:35 PM	51.1	38.9	03:10 PM - 03:15 PM	58.0	55.5	05:50 PM - 05:55 PM	50.3	44.0
12:35 PM - 12:40 PM	47.0	36.3	03:15 PM - 03:20 PM	55.4	50.3	05:55 PM - 06:00 PM	47.8	43.8
12:40 PM - 12:45 PM	45.4	36.3	03:20 PM - 03:25 PM	55.2	47.7	06:00 PM - 06:05 PM	48.3	43.6
12:45 PM - 12:50 PM	48.5	36.0	03:25 PM - 03:30 PM	51.0	45.2	06:05 PM - 06:10 PM	47.8	43.6
12:50 PM - 12:55 PM	44.6	35.6	03:30 PM - 03:35 PM	51.5	44.2	06:10 PM - 06:15 PM	47.9	44.0
12:55 PM - 01:00 PM	44.9	34.6	03:35 PM - 03:40 PM	49.8	42.8	06:15 PM - 06:20 PM	50.7	43.5
01:00 PM - 01:05 PM	48.0	37.2	03:40 PM - 03:45 PM	56.3	43.8	06:20 PM - 06:25 PM	46.0	43.3
01:05 PM - 01:10 PM	50.8	37.5	03:45 PM - 03:50 PM	50.8	43.9	06:25 PM - 06:30 PM	52.3	44.2
01:10 PM - 01:15 PM	46.5	36.3	03:50 PM - 03:55 PM	48.9	42.9	06:30 PM - 06:35 PM	48.2	44.2
01:15 PM - 01:20 PM	47.6	38.6	03:55 PM - 04:00 PM	66.0	44.4	06:35 PM - 06:40 PM	55.6	46.1
01:20 PM - 01:25 PM	50.4	40.3	04:00 PM - 04:05 PM	56.9	43.4	06:40 PM - 06:45 PM	48.6	45.5
01:25 PM - 01:30 PM	50.2	40.4	04:05 PM - 04:10 PM	53.8	43.1	06:45 PM - 06:50 PM	52.4	45.4
01:30 PM - 01:35 PM	45.6	38.7	04:10 PM - 04:15 PM	54.3	41.8	06:50 PM - 06:55 PM	52.8	46.2
01:35 PM - 01:40 PM	50.7	40.9	04:15 PM - 04:20 PM	59.7	45.0	06:55 PM - 07:00 PM	46.8	45.2
01:40 PM - 01:45 PM	47.6	39.7	04:20 PM - 04:25 PM	52.4	40.9	07:00 PM - 07:05 PM	47.5	45.2
01:45 PM - 01:50 PM	50.5	41.6	04:25 PM - 04:30 PM	47.6	40.7	07:05 PM - 07:10 PM	46.7	45.2
01:50 PM - 01:55 PM	54.9	41.9	04:30 PM - 04:35 PM	51.8	41.4	07:10 PM - 07:15 PM	47.1	45.4
01:55 PM - 02:00 PM	63.2	43.4	04:35 PM - 04:40 PM	52.2	44.4	07:15 PM - 07:20 PM	47.5	45.4
02:00 PM - 02:05 PM	53.8	46.1	04:40 PM - 04:45 PM	49.3	40.4	07:20 PM - 07:25 PM	47.5	45.5
02:05 PM - 02:10 PM	62.3	52.4	04:45 PM - 04:50 PM	51.5	39.1	07:25 PM - 07:30 PM	46.1	45.2
02:10 PM - 02:15 PM	67.0	55.5	04:50 PM - 04:55 PM	52.0	40.9	07:30 PM - 07:35 PM	48.1	45.2
02:15 PM - 02:20 PM	66.4	62.2	04:55 PM - 05:00 PM	59.1	41.9	07:35 PM - 07:40 PM	51.8	45.3
02:20 PM - 02:25 PM	61.6	58.3	05:00 PM - 05:05 PM	49.5	44.2	07:40 PM - 07:45 PM	45.6	44.8
02:25 PM - 02:30 PM	57.4	50.6	05:05 PM - 05:10 PM	52.2	47.9	07:45 PM - 07:50 PM	47.0	45.1
02:30 PM - 02:35 PM	60.9	52.8	05:10 PM - 05:15 PM	51.3	47.1	07:50 PM - 07:55 PM	61.9	57.6
02:35 PM - 02:40 PM	66.0	61.8	05:15 PM - 05:20 PM	49.2	46.6	07:55 PM - 08:00 PM	66.2	63.6

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645457-1

Page 2 of 3

Sample Number 2338271-11  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date May 01 - May 02, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

May 01, 2023	Leq	L90	May 01 - May 02, 2023	Leq	L90	May 02, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	56.1	49.3	10:40 PM - 10:45 PM	44.8	39.4	01:20 AM - 01:25 AM	41.6	38.9
08:05 PM - 08:10 PM	49.6	47.9	10:45 PM - 10:50 PM	44.6	43.3	01:25 AM - 01:30 AM	40.7	37.2
08:10 PM - 08:15 PM	48.9	47.6	10:50 PM - 10:55 PM	45.2	43.5	01:30 AM - 01:35 AM	41.8	38.0
08:15 PM - 08:20 PM	52.6	47.3	10:55 PM - 11:00 PM	44.6	43.5	01:35 AM - 01:40 AM	48.3	38.4
08:20 PM - 08:25 PM	51.1	47.1	11:00 PM - 11:05 PM	45.1	44.0	01:40 AM - 01:45 AM	40.9	36.9
08:25 PM - 08:30 PM	50.8	46.8	11:05 PM - 11:10 PM	44.1	41.2	01:45 AM - 01:50 AM	48.1	37.9
08:30 PM - 08:35 PM	48.5	46.6	11:10 PM - 11:15 PM	44.0	42.5	01:50 AM - 01:55 AM	42.7	38.3
08:35 PM - 08:40 PM	51.4	47.0	11:15 PM - 11:20 PM	49.6	41.8	01:55 AM - 02:00 AM	41.3	36.9
08:40 PM - 08:45 PM	46.8	45.9	11:20 PM - 11:25 PM	43.5	42.2	02:00 AM - 02:05 AM	41.8	35.9
08:45 PM - 08:50 PM	52.5	46.0	11:25 PM - 11:30 PM	43.4	41.9	02:05 AM - 02:10 AM	37.6	35.8
08:50 PM - 08:55 PM	51.3	45.8	11:30 PM - 11:35 PM	43.9	39.8	02:10 AM - 02:15 AM	40.7	35.4
08:55 PM - 09:00 PM	47.6	45.7	11:35 PM - 11:40 PM	42.5	37.1	02:15 AM - 02:20 AM	41.3	35.4
09:00 PM - 09:05 PM	48.0	46.9	11:40 PM - 11:45 PM	39.9	38.4	02:20 AM - 02:25 AM	38.0	35.8
09:05 PM - 09:10 PM	48.7	47.2	11:45 PM - 11:50 PM	40.3	38.6	02:25 AM - 02:30 AM	41.9	36.3
09:10 PM - 09:15 PM	50.9	47.0	11:50 PM - 11:55 PM	42.7	39.0	02:30 AM - 02:35 AM	38.0	35.7
09:15 PM - 09:20 PM	47.4	44.4	11:55 PM - 12:00 AM	41.7	39.2	02:35 AM - 02:40 AM	39.6	36.0
09:20 PM - 09:25 PM	47.2	46.2	12:00 AM - 12:05 AM	40.7	38.8	02:40 AM - 02:45 AM	43.4	36.8
09:25 PM - 09:30 PM	48.2	46.8	12:05 AM - 12:10 AM	42.2	39.3	02:45 AM - 02:50 AM	43.9	37.0
09:30 PM - 09:35 PM	47.8	46.9	12:10 AM - 12:15 AM	41.4	38.9	02:50 AM - 02:55 AM	42.6	37.0
09:35 PM - 09:40 PM	47.9	46.9	12:15 AM - 12:20 AM	41.7	37.3	02:55 AM - 03:00 AM	49.4	38.7
09:40 PM - 09:45 PM	48.2	46.8	12:20 AM - 12:25 AM	41.3	36.9	03:00 AM - 03:05 AM	45.0	39.9
09:45 PM - 09:50 PM	47.9	46.1	12:25 AM - 12:30 AM	39.4	37.0	03:05 AM - 03:10 AM	47.2	41.6
09:50 PM - 09:55 PM	48.4	46.8	12:30 AM - 12:35 AM	38.6	37.1	03:10 AM - 03:15 AM	43.8	41.7
09:55 PM - 10:00 PM	48.5	46.6	12:35 AM - 12:40 AM	38.7	37.0	03:15 AM - 03:20 AM	46.8	42.3
10:00 PM - 10:05 PM	49.9	46.6	12:40 AM - 12:45 AM	39.1	37.3	03:20 AM - 03:25 AM	45.0	42.6
10:05 PM - 10:10 PM	51.5	46.9	12:45 AM - 12:50 AM	39.3	37.1	03:25 AM - 03:30 AM	45.0	42.5
10:10 PM - 10:15 PM	47.4	46.5	12:50 AM - 12:55 AM	39.6	36.9	03:30 AM - 03:35 AM	44.8	42.2
10:15 PM - 10:20 PM	47.7	46.8	12:55 AM - 01:00 AM	42.3	36.8	03:35 AM - 03:40 AM	50.8	43.2
10:20 PM - 10:25 PM	47.2	46.2	01:00 AM - 01:05 AM	45.2	38.3	03:40 AM - 03:45 AM	50.3	43.4
10:25 PM - 10:30 PM	47.9	46.3	01:05 AM - 01:10 AM	42.6	38.2	03:45 AM - 03:50 AM	52.0	44.7
10:30 PM - 10:35 PM	44.7	38.6	01:10 AM - 01:15 AM	41.8	38.7	03:50 AM - 03:55 AM	52.5	48.8
10:35 PM - 10:40 PM	43.8	39.3	01:15 AM - 01:20 AM	42.0	39.1	03:55 AM - 04:00 AM	58.7	48.5

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

Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645457-1

Page 3 of 3

Sample Number 2338271-11  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date May 01 - May 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

May 02, 2023 Time	Leq dB(A)	L90 dB(A)	May 02, 2023 Time	Leq dB(A)	L90 dB(A)	May 02, 2023 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	64.8	45.5	06:40 AM - 06:45 AM	51.6	40.7	09:20 AM - 09:25 AM	53.7	41.0
04:05 AM - 04:10 AM	60.5	45.2	06:45 AM - 06:50 AM	51.7	39.1	09:25 AM - 09:30 AM	51.5	37.1
04:10 AM - 04:15 AM	60.0	44.0	06:50 AM - 06:55 AM	51.3	41.1	09:30 AM - 09:35 AM	52.7	38.6
04:15 AM - 04:20 AM	52.3	40.4	06:55 AM - 07:00 AM	53.2	40.3	09:35 AM - 09:40 AM	56.6	38.7
04:20 AM - 04:25 AM	51.9	42.5	07:00 AM - 07:05 AM	49.8	40.0	09:40 AM - 09:45 AM	57.5	41.1
04:25 AM - 04:30 AM	57.0	40.9	07:05 AM - 07:10 AM	54.3	40.2	09:45 AM - 09:50 AM	53.9	39.2
04:30 AM - 04:35 AM	48.6	40.4	07:10 AM - 07:15 AM	56.1	40.0	09:50 AM - 09:55 AM	57.1	39.5
04:35 AM - 04:40 AM	60.2	41.0	07:15 AM - 07:20 AM	53.1	37.7	09:55 AM - 10:00 AM	57.2	38.6
04:40 AM - 04:45 AM	50.4	40.8	07:20 AM - 07:25 AM	50.0	40.3	10:00 AM - 10:05 AM	52.4	37.8
04:45 AM - 04:50 AM	48.6	41.1	07:25 AM - 07:30 AM	51.4	42.3	10:05 AM - 10:10 AM	58.7	39.8
04:50 AM - 04:55 AM	53.0	42.2	07:30 AM - 07:35 AM	51.1	40.5	10:10 AM - 10:15 AM	56.0	36.6
04:55 AM - 05:00 AM	55.7	42.7	07:35 AM - 07:40 AM	49.5	42.1	10:15 AM - 10:20 AM	61.5	36.8
05:00 AM - 05:05 AM	50.8	39.8	07:40 AM - 07:45 AM	48.8	41.3	10:20 AM - 10:25 AM	55.0	38.8
05:05 AM - 05:10 AM	56.0	42.8	07:45 AM - 07:50 AM	51.5	43.7	10:25 AM - 10:30 AM	57.6	39.5
05:10 AM - 05:15 AM	59.4	42.0	07:50 AM - 07:55 AM	48.0	43.1	10:30 AM - 10:35 AM	53.0	38.0
05:15 AM - 05:20 AM	55.0	45.1	07:55 AM - 08:00 AM	48.0	40.7	10:35 AM - 10:40 AM	50.5	38.4
05:20 AM - 05:25 AM	54.2	43.5	08:00 AM - 08:05 AM	56.4	42.5	10:40 AM - 10:45 AM	59.6	36.0
05:25 AM - 05:30 AM	57.7	47.0	08:05 AM - 08:10 AM	55.3	39.1	10:45 AM - 10:50 AM	60.1	39.1
05:30 AM - 05:35 AM	54.5	45.9	08:10 AM - 08:15 AM	48.6	38.8	10:50 AM - 10:55 AM	61.1	38.0
05:35 AM - 05:40 AM	55.4	47.1	08:15 AM - 08:20 AM	48.1	39.0	10:55 AM - 11:00 AM	53.4	36.7
05:40 AM - 05:45 AM	57.9	47.5	08:20 AM - 08:25 AM	47.9	38.0	11:00 AM - 11:05 AM	55.9	36.6
05:45 AM - 05:50 AM	56.9	49.2	08:25 AM - 08:30 AM	48.9	37.1	11:05 AM - 11:10 AM	58.6	38.2
05:50 AM - 05:55 AM	58.0	49.7	08:30 AM - 08:35 AM	52.2	42.2	11:10 AM - 11:15 AM	59.2	39.2
05:55 AM - 06:00 AM	55.4	44.2	08:35 AM - 08:40 AM	49.5	43.5	11:15 AM - 11:20 AM	56.0	36.6
06:00 AM - 06:05 AM	55.4	47.7	08:40 AM - 08:45 AM	50.8	39.9	11:20 AM - 11:25 AM	60.4	38.5
06:05 AM - 06:10 AM	56.1	47.6	08:45 AM - 08:50 AM	48.4	38.9	11:25 AM - 11:30 AM	48.3	37.0
06:10 AM - 06:15 AM	52.4	40.4	08:50 AM - 08:55 AM	49.1	37.9	11:30 AM - 11:35 AM	53.3	38.2
06:15 AM - 06:20 AM	54.0	42.2	08:55 AM - 09:00 AM	51.2	36.9	11:35 AM - 11:40 AM	51.5	36.6
06:20 AM - 06:25 AM	53.2	41.1	09:00 AM - 09:05 AM	49.9	39.7	11:40 AM - 11:45 AM	45.7	36.5
06:25 AM - 06:30 AM	53.0	42.6	09:05 AM - 09:10 AM	50.3	40.8	11:45 AM - 11:50 AM	47.8	39.3
06:30 AM - 06:35 AM	56.9	43.6	09:10 AM - 09:15 AM	50.5	37.8	11:50 AM - 11:55 AM	53.3	38.8
06:35 AM - 06:40 AM	53.6	43.9	09:15 AM - 09:20 AM	54.3	38.9	11:55 AM - 12:00 PM	52.9	38.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645458-1

Page 1 of 3

Sample Number 2338271-12  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date May 02 - May 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

May 02, 2023	Leq	L90	May 02, 2023	Leq	L90	May 02, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
12:00 PM - 12:05 PM	55.2	36.5	02:40 PM - 02:45 PM	62.3	50.6	05:20 PM - 05:25 PM	50.1	44.6
12:05 PM - 12:10 PM	50.7	34.5	02:45 PM - 02:50 PM	58.1	50.8	05:25 PM - 05:30 PM	48.6	44.6
12:10 PM - 12:15 PM	51.6	38.6	02:50 PM - 02:55 PM	59.4	54.7	05:30 PM - 05:35 PM	50.8	45.7
12:15 PM - 12:20 PM	47.5	40.4	02:55 PM - 03:00 PM	59.5	54.3	05:35 PM - 05:40 PM	51.6	45.2
12:20 PM - 12:25 PM	47.0	40.1	03:00 PM - 03:05 PM	58.9	54.6	05:40 PM - 05:45 PM	50.4	45.2
12:25 PM - 12:30 PM	52.4	39.7	03:05 PM - 03:10 PM	56.1	51.8	05:45 PM - 05:50 PM	53.5	45.3
12:30 PM - 12:35 PM	46.9	35.8	03:10 PM - 03:15 PM	55.3	48.4	05:50 PM - 05:55 PM	49.4	45.0
12:35 PM - 12:40 PM	51.7	38.9	03:15 PM - 03:20 PM	59.1	46.7	05:55 PM - 06:00 PM	50.4	45.3
12:40 PM - 12:45 PM	50.0	36.9	03:20 PM - 03:25 PM	54.8	44.5	06:00 PM - 06:05 PM	52.6	45.9
12:45 PM - 12:50 PM	53.3	38.4	03:25 PM - 03:30 PM	53.3	42.6	06:05 PM - 06:10 PM	48.6	45.2
12:50 PM - 12:55 PM	49.1	37.1	03:30 PM - 03:35 PM	58.6	49.4	06:10 PM - 06:15 PM	48.8	45.2
12:55 PM - 01:00 PM	52.5	36.3	03:35 PM - 03:40 PM	55.1	48.8	06:15 PM - 06:20 PM	50.6	43.4
01:00 PM - 01:05 PM	49.3	36.5	03:40 PM - 03:45 PM	57.8	44.0	06:20 PM - 06:25 PM	52.7	43.6
01:05 PM - 01:10 PM	45.6	36.6	03:45 PM - 03:50 PM	52.3	41.6	06:25 PM - 06:30 PM	50.9	44.8
01:10 PM - 01:15 PM	48.9	37.4	03:50 PM - 03:55 PM	56.8	44.6	06:30 PM - 06:35 PM	53.5	45.6
01:15 PM - 01:20 PM	57.6	37.5	03:55 PM - 04:00 PM	54.6	45.5	06:35 PM - 06:40 PM	51.9	45.6
01:20 PM - 01:25 PM	53.3	39.7	04:00 PM - 04:05 PM	52.2	44.5	06:40 PM - 06:45 PM	51.8	45.1
01:25 PM - 01:30 PM	55.1	38.3	04:05 PM - 04:10 PM	50.0	41.4	06:45 PM - 06:50 PM	55.8	44.2
01:30 PM - 01:35 PM	51.1	36.7	04:10 PM - 04:15 PM	52.3	43.2	06:50 PM - 06:55 PM	47.4	41.6
01:35 PM - 01:40 PM	50.7	37.2	04:15 PM - 04:20 PM	52.6	41.8	06:55 PM - 07:00 PM	50.6	41.0
01:40 PM - 01:45 PM	50.3	44.4	04:20 PM - 04:25 PM	48.7	41.0	07:00 PM - 07:05 PM	48.0	43.3
01:45 PM - 01:50 PM	50.7	42.7	04:25 PM - 04:30 PM	54.3	41.6	07:05 PM - 07:10 PM	47.4	43.5
01:50 PM - 01:55 PM	49.0	41.8	04:30 PM - 04:35 PM	57.8	42.3	07:10 PM - 07:15 PM	45.9	43.2
01:55 PM - 02:00 PM	50.6	42.2	04:35 PM - 04:40 PM	54.8	45.1	07:15 PM - 07:20 PM	47.3	40.8
02:00 PM - 02:05 PM	49.2	39.9	04:40 PM - 04:45 PM	48.9	39.2	07:20 PM - 07:25 PM	50.0	39.7
02:05 PM - 02:10 PM	52.6	42.9	04:45 PM - 04:50 PM	48.6	42.1	07:25 PM - 07:30 PM	43.1	39.6
02:10 PM - 02:15 PM	56.7	46.4	04:50 PM - 04:55 PM	50.4	44.6	07:30 PM - 07:35 PM	45.8	42.5
02:15 PM - 02:20 PM	53.2	47.0	04:55 PM - 05:00 PM	55.4	48.3	07:35 PM - 07:40 PM	44.7	42.6
02:20 PM - 02:25 PM	54.7	47.6	05:00 PM - 05:05 PM	53.0	46.5	07:40 PM - 07:45 PM	47.1	42.8
02:25 PM - 02:30 PM	55.7	50.0	05:05 PM - 05:10 PM	50.3	44.6	07:45 PM - 07:50 PM	44.9	42.4
02:30 PM - 02:35 PM	59.0	48.0	05:10 PM - 05:15 PM	49.4	44.8	07:50 PM - 07:55 PM	46.9	42.7
02:35 PM - 02:40 PM	55.5	46.5	05:15 PM - 05:20 PM	51.9	44.4	07:55 PM - 08:00 PM	48.2	42.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
 141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
 P/O :  
 Project Name : Prachinburi  
 Project Location :

Lot ID: 2338271  
 Date Received : May 08, 2023  
 Date Reported : May 11, 2023  
 Report Number : 2645458-1

Page 2 of 3

Sample Number 2338271-12  
 Parameter Noise Level (Leq 5 min)  
 Location บ้านหนองระเนตร (N2)  
 Measurement Date May 02 - May 03, 2023  
 Measurement by Nontachai Uppathamp  
 Sound Level meter Serial No. 00233183

May 02, 2023	Leq	L90	May 02 - May 03, 2023	Leq	L90	May 03, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	51.4	41.4	10:40 PM - 10:45 PM	44.8	43.7	01:20 AM - 01:25 AM	37.7	36.6
08:05 PM - 08:10 PM	49.5	42.6	10:45 PM - 10:50 PM	46.9	43.8	01:25 AM - 01:30 AM	45.1	36.4
08:10 PM - 08:15 PM	47.7	42.6	10:50 PM - 10:55 PM	45.7	42.8	01:30 AM - 01:35 AM	48.9	35.8
08:15 PM - 08:20 PM	43.2	39.7	10:55 PM - 11:00 PM	43.4	41.8	01:35 AM - 01:40 AM	37.7	35.2
08:20 PM - 08:25 PM	52.6	42.4	11:00 PM - 11:05 PM	44.6	37.7	01:40 AM - 01:45 AM	39.8	35.4
08:25 PM - 08:30 PM	44.7	42.3	11:05 PM - 11:10 PM	45.4	37.6	01:45 AM - 01:50 AM	44.9	36.4
08:30 PM - 08:35 PM	45.2	42.5	11:10 PM - 11:15 PM	44.8	36.5	01:50 AM - 01:55 AM	42.4	36.1
08:35 PM - 08:40 PM	47.8	43.6	11:15 PM - 11:20 PM	37.2	36.4	01:55 AM - 02:00 AM	41.3	35.9
08:40 PM - 08:45 PM	45.0	41.8	11:20 PM - 11:25 PM	38.0	36.3	02:00 AM - 02:05 AM	42.3	35.9
08:45 PM - 08:50 PM	42.8	41.8	11:25 PM - 11:30 PM	39.5	36.3	02:05 AM - 02:10 AM	45.1	36.1
08:50 PM - 08:55 PM	45.9	41.9	11:30 PM - 11:35 PM	40.4	36.2	02:10 AM - 02:15 AM	43.3	35.9
08:55 PM - 09:00 PM	44.4	39.3	11:35 PM - 11:40 PM	39.6	34.9	02:15 AM - 02:20 AM	41.3	36.0
09:00 PM - 09:05 PM	45.9	41.7	11:40 PM - 11:45 PM	41.7	35.0	02:20 AM - 02:25 AM	45.9	36.3
09:05 PM - 09:10 PM	45.4	38.2	11:45 PM - 11:50 PM	44.4	35.6	02:25 AM - 02:30 AM	52.8	38.0
09:10 PM - 09:15 PM	45.2	42.2	11:50 PM - 11:55 PM	39.0	36.1	02:30 AM - 02:35 AM	46.5	37.0
09:15 PM - 09:20 PM	44.0	42.6	11:55 PM - 12:00 AM	39.3	35.6	02:35 AM - 02:40 AM	42.1	37.2
09:20 PM - 09:25 PM	45.5	42.7	12:00 AM - 12:05 AM	50.1	35.8	02:40 AM - 02:45 AM	43.3	38.0
09:25 PM - 09:30 PM	45.0	41.3	12:05 AM - 12:10 AM	45.4	35.9	02:45 AM - 02:50 AM	44.7	38.8
09:30 PM - 09:35 PM	43.3	41.5	12:10 AM - 12:15 AM	40.3	36.5	02:50 AM - 02:55 AM	46.4	40.5
09:35 PM - 09:40 PM	44.8	41.7	12:15 AM - 12:20 AM	44.0	37.1	02:55 AM - 03:00 AM	42.3	38.1
09:40 PM - 09:45 PM	45.6	37.2	12:20 AM - 12:25 AM	39.2	37.0	03:00 AM - 03:05 AM	48.0	40.9
09:45 PM - 09:50 PM	42.1	36.8	12:25 AM - 12:30 AM	40.7	36.7	03:05 AM - 03:10 AM	42.2	39.6
09:50 PM - 09:55 PM	45.6	37.1	12:30 AM - 12:35 AM	39.6	36.9	03:10 AM - 03:15 AM	43.5	41.3
09:55 PM - 10:00 PM	47.1	38.5	12:35 AM - 12:40 AM	39.5	36.5	03:15 AM - 03:20 AM	45.4	41.3
10:00 PM - 10:05 PM	47.6	40.6	12:40 AM - 12:45 AM	39.4	36.9	03:20 AM - 03:25 AM	45.2	41.2
10:05 PM - 10:10 PM	44.0	43.2	12:45 AM - 12:50 AM	44.0	36.4	03:25 AM - 03:30 AM	53.0	42.5
10:10 PM - 10:15 PM	46.5	43.7	12:50 AM - 12:55 AM	40.6	36.6	03:30 AM - 03:35 AM	49.8	43.4
10:15 PM - 10:20 PM	44.6	43.9	12:55 AM - 01:00 AM	44.2	37.1	03:35 AM - 03:40 AM	46.5	42.4
10:20 PM - 10:25 PM	45.4	40.4	01:00 AM - 01:05 AM	40.3	39.3	03:40 AM - 03:45 AM	49.0	43.1
10:25 PM - 10:30 PM	47.3	43.5	01:05 AM - 01:10 AM	39.5	38.3	03:45 AM - 03:50 AM	48.6	43.8
10:30 PM - 10:35 PM	45.7	38.5	01:10 AM - 01:15 AM	37.9	36.9	03:50 AM - 03:55 AM	53.2	48.0
10:35 PM - 10:40 PM	44.3	43.2	01:15 AM - 01:20 AM	37.6	36.7	03:55 AM - 04:00 AM	52.7	46.1

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140  
P/O :  
Project Name : Prachinburi  
Project Location :

Lot ID: 2338271  
Date Received : May 08, 2023  
Date Reported : May 11, 2023  
Report Number : 2645458-1

Page 3 of 3

Sample Number 2338271-12  
Parameter Noise Level (Leq 5 min)  
Location บ้านหนองระเนตร (N2)  
Measurement Date May 02 - May 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level meter Serial No. 00233183

May 03, 2023	Leq	L90	May 03, 2023	Leq	L90	May 03, 2023	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
04:00 AM - 04:05 AM	57.6	43.9	06:40 AM - 06:45 AM	59.1	40.7	09:20 AM - 09:25 AM	54.9	44.8
04:05 AM - 04:10 AM	54.8	44.3	06:45 AM - 06:50 AM	48.8	38.2	09:25 AM - 09:30 AM	49.8	44.9
04:10 AM - 04:15 AM	59.5	43.1	06:50 AM - 06:55 AM	49.1	38.6	09:30 AM - 09:35 AM	46.7	44.6
04:15 AM - 04:20 AM	50.9	42.1	06:55 AM - 07:00 AM	48.6	39.9	09:35 AM - 09:40 AM	47.8	46.0
04:20 AM - 04:25 AM	52.8	42.6	07:00 AM - 07:05 AM	53.7	41.7	09:40 AM - 09:45 AM	47.2	46.0
04:25 AM - 04:30 AM	48.1	41.2	07:05 AM - 07:10 AM	50.1	39.3	09:45 AM - 09:50 AM	47.3	46.1
04:30 AM - 04:35 AM	53.1	41.6	07:10 AM - 07:15 AM	54.8	38.3	09:50 AM - 09:55 AM	49.4	45.9
04:35 AM - 04:40 AM	53.2	43.6	07:15 AM - 07:20 AM	47.3	37.3	09:55 AM - 10:00 AM	49.4	46.2
04:40 AM - 04:45 AM	48.2	42.5	07:20 AM - 07:25 AM	51.6	39.7	10:00 AM - 10:05 AM	48.8	46.6
04:45 AM - 04:50 AM	54.4	42.1	07:25 AM - 07:30 AM	48.0	40.3	10:05 AM - 10:10 AM	47.4	44.6
04:50 AM - 04:55 AM	51.5	43.4	07:30 AM - 07:35 AM	49.9	40.7	10:10 AM - 10:15 AM	48.4	44.2
04:55 AM - 05:00 AM	54.7	42.7	07:35 AM - 07:40 AM	49.3	38.8	10:15 AM - 10:20 AM	52.5	50.9
05:00 AM - 05:05 AM	51.0	43.0	07:40 AM - 07:45 AM	54.0	41.7	10:20 AM - 10:25 AM	54.0	50.9
05:05 AM - 05:10 AM	52.3	44.4	07:45 AM - 07:50 AM	48.6	38.6	10:25 AM - 10:30 AM	53.0	50.1
05:10 AM - 05:15 AM	55.4	47.6	07:50 AM - 07:55 AM	48.1	38.2	10:30 AM - 10:35 AM	56.9	50.2
05:15 AM - 05:20 AM	52.7	45.0	07:55 AM - 08:00 AM	50.1	39.3	10:35 AM - 10:40 AM	52.2	50.6
05:20 AM - 05:25 AM	53.6	46.4	08:00 AM - 08:05 AM	49.4	39.7	10:40 AM - 10:45 AM	53.8	50.6
05:25 AM - 05:30 AM	53.9	45.3	08:05 AM - 08:10 AM	48.7	37.7	10:45 AM - 10:50 AM	53.8	49.1
05:30 AM - 05:35 AM	54.7	47.1	08:10 AM - 08:15 AM	46.8	37.6	10:50 AM - 10:55 AM	51.2	46.6
05:35 AM - 05:40 AM	57.9	46.0	08:15 AM - 08:20 AM	53.0	45.2	10:55 AM - 11:00 AM	47.3	45.2
05:40 AM - 05:45 AM	55.5	48.3	08:20 AM - 08:25 AM	49.7	41.4	11:00 AM - 11:05 AM	46.3	44.3
05:45 AM - 05:50 AM	56.4	48.7	08:25 AM - 08:30 AM	50.5	43.9	11:05 AM - 11:10 AM	49.2	46.7
05:50 AM - 05:55 AM	56.5	50.2	08:30 AM - 08:35 AM	57.0	41.2	11:10 AM - 11:15 AM	46.7	44.6
05:55 AM - 06:00 AM	57.9	50.2	08:35 AM - 08:40 AM	49.4	40.9	11:15 AM - 11:20 AM	47.3	44.0
06:00 AM - 06:05 AM	56.1	48.4	08:40 AM - 08:45 AM	52.4	42.2	11:20 AM - 11:25 AM	48.7	45.8
06:05 AM - 06:10 AM	57.4	43.1	08:45 AM - 08:50 AM	52.6	40.4	11:25 AM - 11:30 AM	48.0	46.2
06:10 AM - 06:15 AM	57.2	40.8	08:50 AM - 08:55 AM	54.6	43.4	11:30 AM - 11:35 AM	51.0	45.3
06:15 AM - 06:20 AM	55.2	42.5	08:55 AM - 09:00 AM	50.3	39.7	11:35 AM - 11:40 AM	50.3	45.4
06:20 AM - 06:25 AM	51.3	39.6	09:00 AM - 09:05 AM	60.6	41.9	11:40 AM - 11:45 AM	47.1	46.0
06:25 AM - 06:30 AM	52.0	42.1	09:05 AM - 09:10 AM	59.5	40.3	11:45 AM - 11:50 AM	50.5	44.9
06:30 AM - 06:35 AM	51.6	40.1	09:10 AM - 09:15 AM	52.5	41.8	11:50 AM - 11:55 AM	49.8	45.8
06:35 AM - 06:40 AM	54.2	43.9	09:15 AM - 09:20 AM	50.7	38.2	11:55 AM - 12:00 PM	50.3	45.8

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

Approved by

Sarayuth Jittrantont  
Assistant General Manager

# ภาคผนวก ค-12

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ระดับเสียงรบกวน



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652646-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-1  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.0	89.9	45.0
12:00 PM - 01:00 PM	45.6	72.0	43.5
01:00 PM - 02:00 PM	46.5	79.7	44.8
02:00 PM - 03:00 PM	60.2	83.6	57.5
03:00 PM - 04:00 PM	50.8	77.5	50.3
04:00 PM - 05:00 PM	49.5	69.3	49.5
05:00 PM - 06:00 PM	50.1	72.3	49.0
06:00 PM - 07:00 PM	50.0	66.7	50.0
07:00 PM - 08:00 PM	50.2	68.2	50.2
08:00 PM - 09:00 PM	48.1	62.4	48.8
09:00 PM - 10:00 PM	48.4	75.6	48.1
10:00 PM - 10:05 PM	47.1	54.5	47.0
10:05 PM - 10:10 PM	47.6	55.9	47.9
10:10 PM - 10:15 PM	46.7	56.8	46.7
10:15 PM - 10:20 PM	45.9	55.1	45.4
10:20 PM - 10:25 PM	47.3	60.2	47.5
10:25 PM - 10:30 PM	47.0	55.9	47.1
10:30 PM - 10:35 PM	47.6	55.8	48.4
10:35 PM - 10:40 PM	47.0	53.5	47.0
10:40 PM - 10:45 PM	45.0	51.8	45.0
10:45 PM - 10:50 PM	45.3	52.7	45.1
10:50 PM - 10:55 PM	45.1	52.7	43.4
10:55 PM - 11:00 PM	43.8	54.1	43.4
11:00 PM - 11:05 PM	43.7	54.4	42.3
11:05 PM - 11:10 PM	44.6	59.1	43.8
11:10 PM - 11:15 PM	44.8	57.5	43.8
11:15 PM - 11:20 PM	44.4	55.1	43.3
11:20 PM - 11:25 PM	44.9	58.2	43.8
11:25 PM - 11:30 PM	48.5	71.5	43.6
11:30 PM - 11:35 PM	47.7	63.7	43.8
11:35 PM - 11:40 PM	44.4	54.8	43.9
11:40 PM - 11:45 PM	45.0	56.9	42.9
11:45 PM - 11:50 PM	43.9	54.1	42.3
11:50 PM - 11:55 PM	44.4	55.6	43.0
11:55 PM - 12:00 AM	43.7	54.2	42.8
12:00 AM - 12:05 AM	44.0	55.1	43.5
12:05 AM - 12:10 AM	44.2	56.3	43.7
12:10 AM - 12:15 AM	44.1	56.5	42.0
12:15 AM - 12:20 AM	44.7	55.8	42.7
12:20 AM - 12:25 AM	45.3	59.4	43.1

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652646-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-1  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	44.9	56.1	42.4
12:30 AM - 12:35 AM	45.4	56.5	42.5
12:35 AM - 12:40 AM	44.7	55.4	43.2
12:40 AM - 12:45 AM	42.9	52.7	42.1
12:45 AM - 12:50 AM	42.5	51.3	41.6
12:50 AM - 12:55 AM	42.8	52.8	41.3
12:55 AM - 01:00 AM	42.9	52.7	41.9
01:00 AM - 01:05 AM	42.5	53.6	40.8
01:05 AM - 01:10 AM	43.2	55.1	43.2
01:10 AM - 01:15 AM	43.8	52.8	43.1
01:15 AM - 01:20 AM	43.9	55.6	43.2
01:20 AM - 01:25 AM	44.7	55.0	44.2
01:25 AM - 01:30 AM	45.7	58.8	43.3
01:30 AM - 01:35 AM	44.9	55.2	43.4
01:35 AM - 01:40 AM	44.0	54.0	43.1
01:40 AM - 01:45 AM	43.1	52.5	43.6
01:45 AM - 01:50 AM	43.5	51.2	43.5
01:50 AM - 01:55 AM	51.8	72.1	44.2
01:55 AM - 02:00 AM	50.1	68.7	43.7
02:00 AM - 02:05 AM	42.9	50.8	42.4
02:05 AM - 02:10 AM	43.4	51.4	43.4
02:10 AM - 02:15 AM	43.5	50.7	43.4
02:15 AM - 02:20 AM	45.5	56.8	44.6
02:20 AM - 02:25 AM	44.9	67.8	44.9
02:25 AM - 02:30 AM	44.5	60.6	44.5
02:30 AM - 02:35 AM	44.0	52.2	44.6
02:35 AM - 02:40 AM	44.0	51.3	44.2
02:40 AM - 02:45 AM	44.0	52.5	44.3
02:45 AM - 02:50 AM	45.2	53.8	45.3
02:50 AM - 02:55 AM	46.0	56.3	46.2
02:55 AM - 03:00 AM	45.6	55.4	44.6
03:00 AM - 03:05 AM	44.2	52.5	44.2
03:05 AM - 03:10 AM	44.4	50.0	45.3
03:10 AM - 03:15 AM	44.7	52.9	44.4
03:15 AM - 03:20 AM	44.7	53.8	44.0
03:20 AM - 03:25 AM	44.1	51.3	44.3
03:25 AM - 03:30 AM	51.7	71.5	43.6
03:30 AM - 03:35 AM	46.3	63.6	45.7
03:35 AM - 03:40 AM	45.8	53.6	45.8
03:40 AM - 03:45 AM	45.4	52.5	45.0

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652646-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-1  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	45.1	52.8	45.8
03:50 AM - 03:55 AM	46.8	66.3	46.2
03:55 AM - 04:00 AM	47.9	60.9	45.7
04:00 AM - 04:05 AM	50.0	65.3	46.6
04:05 AM - 04:10 AM	50.1	71.4	46.2
04:10 AM - 04:15 AM	49.8	64.8	46.6
04:15 AM - 04:20 AM	50.4	63.2	47.9
04:20 AM - 04:25 AM	51.3	73.1	50.7
04:25 AM - 04:30 AM	50.1	62.5	50.2
04:30 AM - 04:35 AM	49.8	64.6	49.6
04:35 AM - 04:40 AM	48.1	57.9	48.8
04:40 AM - 04:45 AM	50.0	69.5	49.0
04:45 AM - 04:50 AM	51.5	74.8	48.8
04:50 AM - 04:55 AM	48.7	62.3	48.9
04:55 AM - 05:00 AM	49.0	63.5	48.9
05:00 AM - 05:05 AM	50.8	66.9	49.1
05:05 AM - 05:10 AM	49.2	57.0	50.0
05:10 AM - 05:15 AM	49.0	59.5	49.1
05:15 AM - 05:20 AM	49.3	64.7	48.6
05:20 AM - 05:25 AM	49.0	65.8	48.6
05:25 AM - 05:30 AM	47.0	59.9	47.3
05:30 AM - 05:35 AM	49.8	60.2	49.4
05:35 AM - 05:40 AM	49.5	68.8	48.9
05:40 AM - 05:45 AM	51.3	64.5	50.3
05:45 AM - 05:50 AM	50.1	68.1	47.6
05:50 AM - 05:55 AM	54.4	73.9	49.5
05:55 AM - 06:00 AM	50.5	68.8	49.3
06:00 AM - 07:00 AM	49.7	75.7	47.6
07:00 AM - 08:00 AM	47.0	68.8	46.2
08:00 AM - 09:00 AM	46.7	73.4	45.8
09:00 AM - 10:00 AM	46.8	69.7	45.4
10:00 AM - 11:00 AM	46.2	73.3	44.2

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652647-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-2  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	47.1	76.3	44.3
12:00 PM - 01:00 PM	49.0	73.3	46.3
01:00 PM - 02:00 PM	52.7	74.8	52.4
02:00 PM - 03:00 PM	51.5	76.0	50.1
03:00 PM - 04:00 PM	48.9	75.8	47.2
04:00 PM - 05:00 PM	49.6	88.3	47.1
05:00 PM - 06:00 PM	48.2	74.2	47.2
06:00 PM - 07:00 PM	47.4	60.8	48.3
07:00 PM - 08:00 PM	46.7	64.5	47.3
08:00 PM - 09:00 PM	46.1	61.2	46.6
09:00 PM - 10:00 PM	44.9	60.6	45.0
10:00 PM - 10:05 PM	47.0	61.6	44.6
10:05 PM - 10:10 PM	45.5	59.5	46.5
10:10 PM - 10:15 PM	47.4	58.5	47.3
10:15 PM - 10:20 PM	44.9	52.1	44.7
10:20 PM - 10:25 PM	44.3	54.0	43.1
10:25 PM - 10:30 PM	44.9	54.9	45.3
10:30 PM - 10:35 PM	45.0	52.2	45.5
10:35 PM - 10:40 PM	43.4	51.0	44.0
10:40 PM - 10:45 PM	44.3	66.9	44.1
10:45 PM - 10:50 PM	44.4	66.2	44.2
10:50 PM - 10:55 PM	45.2	52.4	45.6
10:55 PM - 11:00 PM	43.0	51.1	43.2
11:00 PM - 11:05 PM	43.6	53.0	43.2
11:05 PM - 11:10 PM	43.5	49.9	43.7
11:10 PM - 11:15 PM	47.7	62.1	44.3
11:15 PM - 11:20 PM	43.6	51.3	43.9
11:20 PM - 11:25 PM	43.0	49.8	43.4
11:25 PM - 11:30 PM	43.2	54.3	43.2
11:30 PM - 11:35 PM	44.2	54.8	43.9
11:35 PM - 11:40 PM	48.6	61.2	46.1
11:40 PM - 11:45 PM	43.9	52.7	43.3
11:45 PM - 11:50 PM	44.2	54.9	42.9
11:50 PM - 11:55 PM	42.9	49.9	42.1
11:55 PM - 12:00 AM	44.5	54.3	44.2
12:00 AM - 12:05 AM	44.1	54.5	44.4
12:05 AM - 12:10 AM	43.9	51.1	42.8
12:10 AM - 12:15 AM	54.9	77.2	42.9
12:15 AM - 12:20 AM	43.1	50.9	43.1
12:20 AM - 12:25 AM	43.5	53.5	43.4

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Approved by

Wilawan Borirak  
Manager

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## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652647-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-2  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	42.3	51.6	42.4
12:30 AM - 12:35 AM	41.9	51.8	40.8
12:35 AM - 12:40 AM	43.7	64.4	43.0
12:40 AM - 12:45 AM	43.8	55.8	43.3
12:45 AM - 12:50 AM	43.5	56.6	43.1
12:50 AM - 12:55 AM	43.4	51.8	41.5
12:55 AM - 01:00 AM	40.6	48.2	40.1
01:00 AM - 01:05 AM	42.0	51.0	41.1
01:05 AM - 01:10 AM	42.1	50.8	42.0
01:10 AM - 01:15 AM	41.5	53.3	39.9
01:15 AM - 01:20 AM	41.5	50.7	41.8
01:20 AM - 01:25 AM	41.6	48.8	40.3
01:25 AM - 01:30 AM	44.2	54.6	43.6
01:30 AM - 01:35 AM	42.4	49.9	42.5
01:35 AM - 01:40 AM	42.3	49.2	42.7
01:40 AM - 01:45 AM	41.6	53.9	40.4
01:45 AM - 01:50 AM	43.0	52.7	43.1
01:50 AM - 01:55 AM	42.0	49.9	41.7
01:55 AM - 02:00 AM	41.9	49.8	41.3
02:00 AM - 02:05 AM	44.4	68.4	40.8
02:05 AM - 02:10 AM	44.3	58.4	43.7
02:10 AM - 02:15 AM	42.7	50.8	42.1
02:15 AM - 02:20 AM	41.7	51.5	41.1
02:20 AM - 02:25 AM	41.8	48.8	41.7
02:25 AM - 02:30 AM	48.0	72.2	42.4
02:30 AM - 02:35 AM	43.1	51.6	42.8
02:35 AM - 02:40 AM	42.8	50.1	43.1
02:40 AM - 02:45 AM	44.0	50.9	44.7
02:45 AM - 02:50 AM	42.1	48.6	42.7
02:50 AM - 02:55 AM	43.8	51.6	43.5
02:55 AM - 03:00 AM	44.2	51.4	44.5
03:00 AM - 03:05 AM	44.1	53.3	44.6
03:05 AM - 03:10 AM	43.5	50.9	43.9
03:10 AM - 03:15 AM	43.8	53.3	44.3
03:15 AM - 03:20 AM	43.2	50.9	42.2
03:20 AM - 03:25 AM	42.9	50.4	42.5
03:25 AM - 03:30 AM	46.5	58.3	46.9
03:30 AM - 03:35 AM	44.5	52.3	44.4
03:35 AM - 03:40 AM	44.5	53.4	44.7
03:40 AM - 03:45 AM	44.1	52.5	44.0

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652647-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-2  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	44.2	53.4	44.9
03:50 AM - 03:55 AM	45.1	53.1	45.9
03:55 AM - 04:00 AM	45.4	51.4	46.4
04:00 AM - 04:05 AM	49.1	72.9	47.0
04:05 AM - 04:10 AM	46.6	54.4	47.1
04:10 AM - 04:15 AM	48.0	67.3	47.4
04:15 AM - 04:20 AM	48.2	60.6	48.4
04:20 AM - 04:25 AM	52.5	71.9	49.8
04:25 AM - 04:30 AM	55.0	62.3	53.6
04:30 AM - 04:35 AM	49.5	60.7	49.6
04:35 AM - 04:40 AM	50.1	65.4	49.8
04:40 AM - 04:45 AM	52.2	68.5	50.2
04:45 AM - 04:50 AM	50.0	59.3	50.9
04:50 AM - 04:55 AM	48.4	60.1	48.6
04:55 AM - 05:00 AM	49.0	66.8	49.0
05:00 AM - 05:05 AM	51.9	72.9	48.7
05:05 AM - 05:10 AM	48.9	61.0	48.5
05:10 AM - 05:15 AM	48.0	60.4	47.9
05:15 AM - 05:20 AM	49.1	57.9	49.4
05:20 AM - 05:25 AM	50.7	69.5	50.2
05:25 AM - 05:30 AM	49.2	63.1	49.7
05:30 AM - 05:35 AM	48.5	65.1	48.6
05:35 AM - 05:40 AM	48.2	67.8	48.0
05:40 AM - 05:45 AM	49.2	65.6	48.9
05:45 AM - 05:50 AM	49.1	63.7	49.2
05:50 AM - 05:55 AM	50.0	68.5	49.7
05:55 AM - 06:00 AM	48.7	60.1	48.4
06:00 AM - 07:00 AM	49.9	78.8	48.5
07:00 AM - 08:00 AM	50.7	76.1	49.3
08:00 AM - 09:00 AM	53.2	81.7	52.5
09:00 AM - 10:00 AM	53.6	81.1	52.9
10:00 AM - 11:00 AM	51.4	92.7	48.8

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652648-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-3  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.3	75.9	50.9
12:00 PM - 01:00 PM	51.9	76.1	50.3
01:00 PM - 02:00 PM	49.4	70.0	49.5
02:00 PM - 03:00 PM	50.2	74.6	48.6
03:00 PM - 04:00 PM	47.2	64.9	46.8
04:00 PM - 05:00 PM	48.7	77.1	47.6
05:00 PM - 06:00 PM	50.7	72.0	49.7
06:00 PM - 07:00 PM	51.5	69.7	51.3
07:00 PM - 08:00 PM	50.2	63.0	50.3
08:00 PM - 09:00 PM	49.4	73.9	49.1
09:00 PM - 10:00 PM	45.7	71.2	45.5
10:00 PM - 10:05 PM	45.4	52.5	46.2
10:05 PM - 10:10 PM	43.2	49.6	43.3
10:10 PM - 10:15 PM	42.1	64.9	40.1
10:15 PM - 10:20 PM	43.4	51.8	43.8
10:20 PM - 10:25 PM	43.5	60.5	43.0
10:25 PM - 10:30 PM	43.2	52.2	43.2
10:30 PM - 10:35 PM	42.4	48.9	42.8
10:35 PM - 10:40 PM	42.8	49.4	43.4
10:40 PM - 10:45 PM	43.5	59.0	42.6
10:45 PM - 10:50 PM	42.1	48.2	42.1
10:50 PM - 10:55 PM	42.7	51.4	42.0
10:55 PM - 11:00 PM	41.3	49.5	41.7
11:00 PM - 11:05 PM	42.4	53.6	42.2
11:05 PM - 11:10 PM	42.7	53.7	42.4
11:10 PM - 11:15 PM	42.9	56.3	41.0
11:15 PM - 11:20 PM	42.6	63.9	39.0
11:20 PM - 11:25 PM	41.0	48.5	41.3
11:25 PM - 11:30 PM	42.9	55.8	41.7
11:30 PM - 11:35 PM	43.8	51.8	43.3
11:35 PM - 11:40 PM	42.3	50.9	40.9
11:40 PM - 11:45 PM	42.8	49.5	41.8
11:45 PM - 11:50 PM	44.3	61.1	42.4
11:50 PM - 11:55 PM	42.8	58.0	41.7
11:55 PM - 12:00 AM	48.9	75.4	40.1
12:00 AM - 12:05 AM	41.5	49.4	41.4
12:05 AM - 12:10 AM	40.8	51.1	40.7
12:10 AM - 12:15 AM	40.6	51.0	39.6
12:15 AM - 12:20 AM	40.4	50.1	39.0
12:20 AM - 12:25 AM	41.2	55.4	40.2

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652648-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-3  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	41.4	51.3	40.6
12:30 AM - 12:35 AM	41.5	49.6	41.2
12:35 AM - 12:40 AM	40.9	49.4	40.6
12:40 AM - 12:45 AM	41.4	50.6	40.5
12:45 AM - 12:50 AM	40.7	49.2	39.1
12:50 AM - 12:55 AM	41.0	50.4	40.0
12:55 AM - 01:00 AM	41.8	50.2	40.4
01:00 AM - 01:05 AM	42.2	49.5	42.0
01:05 AM - 01:10 AM	42.4	53.7	42.1
01:10 AM - 01:15 AM	44.2	54.9	43.0
01:15 AM - 01:20 AM	42.9	58.4	42.1
01:20 AM - 01:25 AM	41.8	50.2	41.2
01:25 AM - 01:30 AM	45.4	64.2	40.7
01:30 AM - 01:35 AM	45.2	65.0	39.8
01:35 AM - 01:40 AM	41.0	65.4	38.9
01:40 AM - 01:45 AM	40.3	57.6	38.0
01:45 AM - 01:50 AM	43.7	57.8	41.8
01:50 AM - 01:55 AM	40.3	46.6	39.2
01:55 AM - 02:00 AM	43.4	53.6	40.5
02:00 AM - 02:05 AM	43.1	58.6	42.0
02:05 AM - 02:10 AM	53.8	76.9	41.6
02:10 AM - 02:15 AM	41.6	49.2	41.3
02:15 AM - 02:20 AM	42.4	52.2	42.7
02:20 AM - 02:25 AM	42.0	51.5	41.3
02:25 AM - 02:30 AM	41.7	51.3	41.6
02:30 AM - 02:35 AM	42.2	51.0	42.0
02:35 AM - 02:40 AM	43.3	52.4	43.4
02:40 AM - 02:45 AM	42.6	51.8	40.4
02:45 AM - 02:50 AM	43.6	52.1	41.7
02:50 AM - 02:55 AM	44.1	52.6	41.1
02:55 AM - 03:00 AM	42.2	49.6	42.0
03:00 AM - 03:05 AM	46.9	63.4	43.4
03:05 AM - 03:10 AM	42.8	54.6	42.3
03:10 AM - 03:15 AM	42.0	51.8	41.2
03:15 AM - 03:20 AM	52.2	76.5	41.3
03:20 AM - 03:25 AM	42.3	51.2	40.8
03:25 AM - 03:30 AM	41.4	53.7	40.9
03:30 AM - 03:35 AM	42.0	48.2	42.7
03:35 AM - 03:40 AM	42.7	51.1	43.1
03:40 AM - 03:45 AM	42.9	50.8	43.2

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652648-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-3  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	43.4	52.2	43.2
03:50 AM - 03:55 AM	42.7	53.1	42.7
03:55 AM - 04:00 AM	45.2	54.5	45.0
04:00 AM - 04:05 AM	46.5	66.5	46.4
04:05 AM - 04:10 AM	45.9	63.8	45.7
04:10 AM - 04:15 AM	55.3	76.1	43.9
04:15 AM - 04:20 AM	53.6	76.0	45.6
04:20 AM - 04:25 AM	49.2	69.3	47.0
04:25 AM - 04:30 AM	46.1	61.4	46.3
04:30 AM - 04:35 AM	48.0	69.5	47.3
04:35 AM - 04:40 AM	48.5	62.4	47.1
04:40 AM - 04:45 AM	47.9	60.8	47.2
04:45 AM - 04:50 AM	47.4	60.5	46.9
04:50 AM - 04:55 AM	47.1	61.1	46.9
04:55 AM - 05:00 AM	49.7	64.8	48.1
05:00 AM - 05:05 AM	50.1	63.7	48.6
05:05 AM - 05:10 AM	49.5	65.2	47.6
05:10 AM - 05:15 AM	49.7	66.2	49.0
05:15 AM - 05:20 AM	50.4	67.3	48.8
05:20 AM - 05:25 AM	51.4	67.3	49.8
05:25 AM - 05:30 AM	49.0	65.5	49.1
05:30 AM - 05:35 AM	49.4	58.9	48.4
05:35 AM - 05:40 AM	48.7	62.4	47.4
05:40 AM - 05:45 AM	48.7	62.2	47.0
05:45 AM - 05:50 AM	44.5	61.2	43.9
05:50 AM - 05:55 AM	45.4	67.5	43.2
05:55 AM - 06:00 AM	45.5	60.1	44.2
06:00 AM - 07:00 AM	57.1	78.1	54.2
07:00 AM - 08:00 AM	63.9	78.3	60.1
08:00 AM - 09:00 AM	48.3	71.1	44.8
09:00 AM - 10:00 AM	49.3	69.7	46.9
10:00 AM - 11:00 AM	49.4	70.7	46.6

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652649-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-4  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.0	92.3	44.9
12:00 PM - 01:00 PM	46.3	68.4	45.1
01:00 PM - 02:00 PM	47.2	71.2	45.3
02:00 PM - 03:00 PM	55.3	90.3	51.7
03:00 PM - 04:00 PM	60.7	92.9	58.9
04:00 PM - 05:00 PM	48.3	71.3	48.3
05:00 PM - 06:00 PM	47.9	73.2	48.0
06:00 PM - 07:00 PM	48.1	66.2	48.7
07:00 PM - 08:00 PM	47.8	67.4	48.4
08:00 PM - 09:00 PM	48.6	75.0	47.2
09:00 PM - 10:00 PM	47.7	61.1	47.7
10:00 PM - 10:05 PM	45.0	55.0	44.6
10:05 PM - 10:10 PM	44.5	52.8	44.6
10:10 PM - 10:15 PM	45.2	62.6	45.1
10:15 PM - 10:20 PM	47.5	62.4	44.4
10:20 PM - 10:25 PM	44.9	51.9	44.6
10:25 PM - 10:30 PM	45.1	56.2	44.7
10:30 PM - 10:35 PM	44.8	54.2	45.2
10:35 PM - 10:40 PM	45.8	66.4	44.9
10:40 PM - 10:45 PM	44.7	51.3	45.3
10:45 PM - 10:50 PM	43.9	49.8	44.3
10:50 PM - 10:55 PM	44.5	60.7	44.6
10:55 PM - 11:00 PM	44.2	51.2	44.8
11:00 PM - 11:05 PM	44.0	53.1	43.8
11:05 PM - 11:10 PM	45.3	55.5	43.8
11:10 PM - 11:15 PM	44.0	50.7	44.3
11:15 PM - 11:20 PM	44.2	61.1	43.5
11:20 PM - 11:25 PM	42.4	48.9	42.6
11:25 PM - 11:30 PM	43.3	54.2	43.0
11:30 PM - 11:35 PM	42.8	51.6	42.9
11:35 PM - 11:40 PM	41.3	49.0	42.3
11:40 PM - 11:45 PM	44.0	53.4	43.6
11:45 PM - 11:50 PM	43.8	53.5	43.6
11:50 PM - 11:55 PM	42.9	51.3	41.9
11:55 PM - 12:00 AM	43.9	56.0	43.2
12:00 AM - 12:05 AM	43.0	52.7	43.1
12:05 AM - 12:10 AM	42.1	48.5	42.8
12:10 AM - 12:15 AM	44.9	57.2	43.3
12:15 AM - 12:20 AM	42.1	49.3	42.7
12:20 AM - 12:25 AM	41.8	52.2	41.5

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Wilawan Borirak  
Manager

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## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652649-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-4  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	45.0	65.4	42.6
12:30 AM - 12:35 AM	42.8	60.4	42.6
12:35 AM - 12:40 AM	41.4	49.0	41.9
12:40 AM - 12:45 AM	41.5	48.9	41.7
12:45 AM - 12:50 AM	42.9	52.4	42.9
12:50 AM - 12:55 AM	42.0	51.1	42.3
12:55 AM - 01:00 AM	41.4	49.4	41.5
01:00 AM - 01:05 AM	42.8	50.3	43.2
01:05 AM - 01:10 AM	41.1	52.8	41.1
01:10 AM - 01:15 AM	41.9	49.8	41.2
01:15 AM - 01:20 AM	40.1	53.1	38.8
01:20 AM - 01:25 AM	42.2	50.9	41.5
01:25 AM - 01:30 AM	44.2	55.6	43.5
01:30 AM - 01:35 AM	42.8	60.1	40.5
01:35 AM - 01:40 AM	41.9	49.8	41.4
01:40 AM - 01:45 AM	43.4	52.1	43.2
01:45 AM - 01:50 AM	41.8	51.9	41.4
01:50 AM - 01:55 AM	39.6	49.9	39.0
01:55 AM - 02:00 AM	42.1	56.5	41.3
02:00 AM - 02:05 AM	42.5	52.6	42.2
02:05 AM - 02:10 AM	42.2	49.6	42.0
02:10 AM - 02:15 AM	41.6	50.3	40.9
02:15 AM - 02:20 AM	51.5	72.9	43.0
02:20 AM - 02:25 AM	43.6	52.8	43.1
02:25 AM - 02:30 AM	42.9	50.1	42.7
02:30 AM - 02:35 AM	43.6	56.4	43.2
02:35 AM - 02:40 AM	43.6	53.8	43.5
02:40 AM - 02:45 AM	43.0	51.7	42.4
02:45 AM - 02:50 AM	46.0	61.4	42.8
02:50 AM - 02:55 AM	43.3	52.8	43.1
02:55 AM - 03:00 AM	43.2	54.0	43.2
03:00 AM - 03:05 AM	44.1	52.8	43.7
03:05 AM - 03:10 AM	44.0	50.6	44.0
03:10 AM - 03:15 AM	45.6	54.8	44.8
03:15 AM - 03:20 AM	42.8	52.5	42.8
03:20 AM - 03:25 AM	44.3	51.1	44.4
03:25 AM - 03:30 AM	45.7	53.0	45.7
03:30 AM - 03:35 AM	44.6	53.8	45.4
03:35 AM - 03:40 AM	44.8	54.3	45.0
03:40 AM - 03:45 AM	45.7	56.2	46.1

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Approved by

Wilawan Borirak  
Manager





## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652649-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-4  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	45.1	52.5	45.2
03:50 AM - 03:55 AM	45.0	52.5	45.7
03:55 AM - 04:00 AM	46.4	56.7	46.9
04:00 AM - 04:05 AM	49.0	69.5	45.8
04:05 AM - 04:10 AM	48.4	69.8	47.8
04:10 AM - 04:15 AM	48.1	65.2	47.6
04:15 AM - 04:20 AM	48.6	59.0	48.3
04:20 AM - 04:25 AM	48.7	62.0	48.7
04:25 AM - 04:30 AM	50.6	65.1	49.7
04:30 AM - 04:35 AM	49.1	65.7	48.4
04:35 AM - 04:40 AM	48.3	57.4	48.3
04:40 AM - 04:45 AM	48.6	57.4	49.1
04:45 AM - 04:50 AM	48.3	58.9	48.4
04:50 AM - 04:55 AM	49.0	60.7	48.2
04:55 AM - 05:00 AM	49.7	69.3	48.8
05:00 AM - 05:05 AM	48.6	59.5	48.7
05:05 AM - 05:10 AM	48.2	58.2	47.7
05:10 AM - 05:15 AM	49.6	65.0	48.4
05:15 AM - 05:20 AM	50.2	61.0	49.3
05:20 AM - 05:25 AM	50.6	63.7	49.1
05:25 AM - 05:30 AM	50.2	62.5	48.8
05:30 AM - 05:35 AM	51.4	66.9	49.4
05:35 AM - 05:40 AM	50.4	70.9	47.8
05:40 AM - 05:45 AM	49.2	63.3	49.3
05:45 AM - 05:50 AM	51.3	68.3	48.7
05:50 AM - 05:55 AM	52.5	72.4	48.2
05:55 AM - 06:00 AM	53.3	72.1	48.0
06:00 AM - 07:00 AM	49.5	70.5	46.4
07:00 AM - 08:00 AM	49.0	75.3	44.7
08:00 AM - 09:00 AM	47.2	75.5	44.9
09:00 AM - 10:00 AM	47.0	70.9	44.9
10:00 AM - 11:00 AM	47.5	69.0	45.8

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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

Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652650-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-5  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.8	72.8	45.7
12:00 PM - 01:00 PM	49.1	84.0	45.7
01:00 PM - 02:00 PM	48.3	70.1	47.5
02:00 PM - 03:00 PM	53.9	75.9	52.7
03:00 PM - 04:00 PM	50.5	76.2	49.1
04:00 PM - 05:00 PM	47.2	72.7	46.3
05:00 PM - 06:00 PM	48.9	75.5	47.7
06:00 PM - 07:00 PM	47.4	60.9	48.3
07:00 PM - 08:00 PM	47.4	66.1	47.8
08:00 PM - 09:00 PM	45.4	63.4	45.9
09:00 PM - 10:00 PM	44.6	62.9	44.6
10:00 PM - 10:05 PM	43.0	53.9	43.2
10:05 PM - 10:10 PM	43.0	50.9	43.5
10:10 PM - 10:15 PM	43.5	50.5	43.6
10:15 PM - 10:20 PM	43.4	60.6	43.5
10:20 PM - 10:25 PM	42.5	49.3	42.5
10:25 PM - 10:30 PM	42.6	50.9	43.0
10:30 PM - 10:35 PM	41.5	56.3	41.2
10:35 PM - 10:40 PM	42.5	54.3	42.0
10:40 PM - 10:45 PM	44.8	62.3	43.1
10:45 PM - 10:50 PM	43.9	53.9	42.8
10:50 PM - 10:55 PM	43.4	52.7	43.5
10:55 PM - 11:00 PM	44.1	58.7	43.2
11:00 PM - 11:05 PM	42.1	53.6	42.2
11:05 PM - 11:10 PM	42.4	52.8	42.4
11:10 PM - 11:15 PM	56.3	75.9	42.8
11:15 PM - 11:20 PM	53.2	72.9	43.3
11:20 PM - 11:25 PM	42.0	53.1	42.4
11:25 PM - 11:30 PM	42.9	52.2	43.4
11:30 PM - 11:35 PM	43.0	58.6	42.5
11:35 PM - 11:40 PM	43.7	57.3	42.1
11:40 PM - 11:45 PM	45.9	59.0	45.2
11:45 PM - 11:50 PM	45.1	69.4	42.8
11:50 PM - 11:55 PM	43.0	66.1	42.8
11:55 PM - 12:00 AM	42.7	49.8	43.4
12:00 AM - 12:05 AM	45.4	72.3	42.4
12:05 AM - 12:10 AM	41.5	49.4	41.6
12:10 AM - 12:15 AM	43.2	52.1	42.8
12:15 AM - 12:20 AM	42.6	54.2	42.6
12:20 AM - 12:25 AM	42.0	62.0	41.5

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652650-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-5  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.9	57.4	43.5
12:30 AM - 12:35 AM	43.0	54.0	42.4
12:35 AM - 12:40 AM	42.4	50.6	41.2
12:40 AM - 12:45 AM	43.1	50.3	42.3
12:45 AM - 12:50 AM	43.1	52.8	41.9
12:50 AM - 12:55 AM	42.7	58.6	40.8
12:55 AM - 01:00 AM	40.7	51.8	39.8
01:00 AM - 01:05 AM	42.4	50.1	41.7
01:05 AM - 01:10 AM	41.5	53.1	39.9
01:10 AM - 01:15 AM	42.3	50.3	40.7
01:15 AM - 01:20 AM	41.0	49.8	40.8
01:20 AM - 01:25 AM	42.6	53.1	42.1
01:25 AM - 01:30 AM	43.6	55.2	42.9
01:30 AM - 01:35 AM	54.2	70.4	43.3
01:35 AM - 01:40 AM	42.5	51.4	40.7
01:40 AM - 01:45 AM	43.0	55.1	41.7
01:45 AM - 01:50 AM	42.3	51.5	41.4
01:50 AM - 01:55 AM	43.5	53.6	42.1
01:55 AM - 02:00 AM	43.6	52.6	42.1
02:00 AM - 02:05 AM	43.9	52.7	41.6
02:05 AM - 02:10 AM	43.4	51.6	43.3
02:10 AM - 02:15 AM	44.0	55.0	43.2
02:15 AM - 02:20 AM	44.7	52.7	43.4
02:20 AM - 02:25 AM	43.3	51.4	43.4
02:25 AM - 02:30 AM	42.5	51.3	41.4
02:30 AM - 02:35 AM	42.3	52.3	41.0
02:35 AM - 02:40 AM	43.4	54.4	43.1
02:40 AM - 02:45 AM	53.9	73.0	43.2
02:45 AM - 02:50 AM	43.4	53.4	42.2
02:50 AM - 02:55 AM	50.4	70.4	43.8
02:55 AM - 03:00 AM	43.8	51.8	43.5
03:00 AM - 03:05 AM	44.7	55.9	44.0
03:05 AM - 03:10 AM	42.4	52.8	42.1
03:10 AM - 03:15 AM	44.3	60.8	44.1
03:15 AM - 03:20 AM	43.7	56.1	43.6
03:20 AM - 03:25 AM	43.6	55.9	42.4
03:25 AM - 03:30 AM	45.0	57.1	44.2
03:30 AM - 03:35 AM	44.9	52.5	44.2
03:35 AM - 03:40 AM	45.4	53.7	45.2
03:40 AM - 03:45 AM	45.5	55.3	45.4

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652650-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-5  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.8	68.9	47.2
03:50 AM - 03:55 AM	51.9	71.3	46.9
03:55 AM - 04:00 AM	52.1	70.4	48.3
04:00 AM - 04:05 AM	48.1	58.0	47.9
04:05 AM - 04:10 AM	48.4	59.2	48.2
04:10 AM - 04:15 AM	49.9	69.0	48.4
04:15 AM - 04:20 AM	48.2	65.2	48.1
04:20 AM - 04:25 AM	49.9	64.3	50.0
04:25 AM - 04:30 AM	50.7	65.6	50.3
04:30 AM - 04:35 AM	49.2	58.5	49.1
04:35 AM - 04:40 AM	49.5	65.6	49.0
04:40 AM - 04:45 AM	49.4	62.6	49.1
04:45 AM - 04:50 AM	49.5	62.8	49.7
04:50 AM - 04:55 AM	49.2	65.6	48.5
04:55 AM - 05:00 AM	48.8	60.9	48.8
05:00 AM - 05:05 AM	49.0	64.5	48.3
05:05 AM - 05:10 AM	51.9	75.0	46.8
05:10 AM - 05:15 AM	48.6	60.1	48.5
05:15 AM - 05:20 AM	48.4	59.6	48.6
05:20 AM - 05:25 AM	46.7	54.1	46.9
05:25 AM - 05:30 AM	48.8	61.0	47.3
05:30 AM - 05:35 AM	49.3	63.2	47.8
05:35 AM - 05:40 AM	48.4	60.8	48.1
05:40 AM - 05:45 AM	48.6	61.0	47.0
05:45 AM - 05:50 AM	47.7	58.0	47.2
05:50 AM - 05:55 AM	47.8	61.1	47.5
05:55 AM - 06:00 AM	48.5	64.8	47.9
06:00 AM - 07:00 AM	47.8	68.5	46.4
07:00 AM - 08:00 AM	48.9	70.5	45.5
08:00 AM - 09:00 AM	48.5	73.0	45.6
09:00 AM - 10:00 AM	48.9	77.2	46.5
10:00 AM - 11:00 AM	48.4	67.1	46.3

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652651-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-6  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 03 - 04, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.1	79.0	45.6
12:00 PM - 01:00 PM	48.6	69.2	44.9
01:00 PM - 02:00 PM	45.9	66.6	45.6
02:00 PM - 03:00 PM	46.0	64.9	45.5
03:00 PM - 04:00 PM	47.0	66.0	46.2
04:00 PM - 05:00 PM	47.6	68.0	47.9
05:00 PM - 06:00 PM	47.7	74.8	46.8
06:00 PM - 07:00 PM	47.3	61.2	47.9
07:00 PM - 08:00 PM	47.8	70.8	47.8
08:00 PM - 09:00 PM	47.3	60.6	47.4
09:00 PM - 10:00 PM	45.7	68.4	45.4
10:00 PM - 10:05 PM	43.5	53.2	42.9
10:05 PM - 10:10 PM	44.1	52.0	43.7
10:10 PM - 10:15 PM	43.0	54.8	42.9
10:15 PM - 10:20 PM	44.3	53.7	43.7
10:20 PM - 10:25 PM	44.3	51.9	44.3
10:25 PM - 10:30 PM	45.0	54.3	44.3
10:30 PM - 10:35 PM	44.3	54.3	43.8
10:35 PM - 10:40 PM	44.9	53.2	45.8
10:40 PM - 10:45 PM	44.3	55.7	44.9
10:45 PM - 10:50 PM	44.4	55.3	44.5
10:50 PM - 10:55 PM	44.2	61.5	44.0
10:55 PM - 11:00 PM	42.6	54.0	42.9
11:00 PM - 11:05 PM	44.6	57.9	44.2
11:05 PM - 11:10 PM	44.7	52.4	44.8
11:10 PM - 11:15 PM	45.1	53.2	44.8
11:15 PM - 11:20 PM	43.3	53.6	43.7
11:20 PM - 11:25 PM	43.0	53.3	42.7
11:25 PM - 11:30 PM	43.6	51.7	43.6
11:30 PM - 11:35 PM	43.8	54.3	42.5
11:35 PM - 11:40 PM	42.7	54.6	42.0
11:40 PM - 11:45 PM	43.3	55.5	41.6
11:45 PM - 11:50 PM	42.5	54.2	42.3
11:50 PM - 11:55 PM	42.7	52.7	42.2
11:55 PM - 12:00 AM	43.1	53.5	42.2
12:00 AM - 12:05 AM	55.2	78.1	42.7
12:05 AM - 12:10 AM	48.7	72.2	43.9
12:10 AM - 12:15 AM	43.8	52.0	43.2
12:15 AM - 12:20 AM	44.2	52.4	42.0
12:20 AM - 12:25 AM	43.0	56.0	43.3

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652651-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-6  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 03 - 04, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.4	54.2	42.6
12:30 AM - 12:35 AM	43.2	53.5	42.5
12:35 AM - 12:40 AM	42.6	56.7	41.4
12:40 AM - 12:45 AM	43.6	53.4	42.3
12:45 AM - 12:50 AM	41.6	52.9	41.6
12:50 AM - 12:55 AM	41.6	49.4	42.0
12:55 AM - 01:00 AM	41.9	49.3	42.1
01:00 AM - 01:05 AM	42.3	51.8	42.0
01:05 AM - 01:10 AM	42.9	52.7	43.4
01:10 AM - 01:15 AM	42.4	49.4	42.6
01:15 AM - 01:20 AM	43.0	51.6	42.3
01:20 AM - 01:25 AM	43.6	51.4	43.5
01:25 AM - 01:30 AM	42.7	53.1	42.7
01:30 AM - 01:35 AM	42.0	48.9	42.7
01:35 AM - 01:40 AM	44.8	64.3	43.6
01:40 AM - 01:45 AM	42.7	52.1	42.0
01:45 AM - 01:50 AM	43.7	58.6	42.3
01:50 AM - 01:55 AM	42.0	50.9	41.7
01:55 AM - 02:00 AM	43.2	52.5	42.9
02:00 AM - 02:05 AM	41.5	49.3	41.6
02:05 AM - 02:10 AM	44.1	49.9	44.4
02:10 AM - 02:15 AM	43.1	58.5	42.0
02:15 AM - 02:20 AM	44.4	55.5	44.1
02:20 AM - 02:25 AM	43.3	50.9	42.5
02:25 AM - 02:30 AM	44.0	52.5	43.9
02:30 AM - 02:35 AM	43.6	52.9	44.0
02:35 AM - 02:40 AM	42.7	50.6	42.1
02:40 AM - 02:45 AM	42.8	49.3	42.7
02:45 AM - 02:50 AM	45.0	58.1	42.3
02:50 AM - 02:55 AM	44.2	57.4	43.8
02:55 AM - 03:00 AM	43.7	51.8	44.0
03:00 AM - 03:05 AM	45.5	52.7	45.2
03:05 AM - 03:10 AM	44.0	52.6	43.9
03:10 AM - 03:15 AM	43.3	54.3	43.6
03:15 AM - 03:20 AM	43.0	51.5	42.5
03:20 AM - 03:25 AM	44.3	52.0	44.5
03:25 AM - 03:30 AM	44.6	61.4	44.5
03:30 AM - 03:35 AM	44.9	57.1	44.6
03:35 AM - 03:40 AM	44.4	52.6	43.5
03:40 AM - 03:45 AM	44.5	54.5	44.7

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

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652651-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-6  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 03 - 04, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	43.8	50.9	44.2
03:50 AM - 03:55 AM	46.0	60.6	45.2
03:55 AM - 04:00 AM	46.0	55.4	45.8
04:00 AM - 04:05 AM	56.6	79.6	48.1
04:05 AM - 04:10 AM	47.4	61.9	47.8
04:10 AM - 04:15 AM	51.2	68.6	47.7
04:15 AM - 04:20 AM	50.6	63.4	48.8
04:20 AM - 04:25 AM	50.3	63.0	49.1
04:25 AM - 04:30 AM	51.1	71.4	48.4
04:30 AM - 04:35 AM	50.5	69.0	47.7
04:35 AM - 04:40 AM	48.1	60.9	48.4
04:40 AM - 04:45 AM	48.8	60.1	48.9
04:45 AM - 04:50 AM	48.5	60.1	49.2
04:50 AM - 04:55 AM	49.8	61.2	49.1
04:55 AM - 05:00 AM	49.1	59.8	49.1
05:00 AM - 05:05 AM	48.1	59.1	48.6
05:05 AM - 05:10 AM	49.2	66.6	48.4
05:10 AM - 05:15 AM	48.0	59.5	48.2
05:15 AM - 05:20 AM	48.2	61.0	48.9
05:20 AM - 05:25 AM	47.3	59.9	47.0
05:25 AM - 05:30 AM	46.6	59.1	46.0
05:30 AM - 05:35 AM	48.1	63.7	47.3
05:35 AM - 05:40 AM	48.6	58.9	47.0
05:40 AM - 05:45 AM	48.1	60.6	47.1
05:45 AM - 05:50 AM	49.0	61.9	47.2
05:50 AM - 05:55 AM	48.1	59.6	46.5
05:55 AM - 06:00 AM	48.2	60.2	47.0
06:00 AM - 07:00 AM	51.6	81.3	47.2
07:00 AM - 08:00 AM	51.6	73.8	47.6
08:00 AM - 09:00 AM	50.2	70.8	47.5
09:00 AM - 10:00 AM	50.0	76.2	47.3
10:00 AM - 11:00 AM	50.6	75.5	47.1

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Approved by

Wilawan Borirak  
Manager





## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652652-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-7  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 04 - 05, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.2	79.5	47.8
12:00 PM - 01:00 PM	51.0	73.9	47.6
01:00 PM - 02:00 PM	51.5	77.8	47.7
02:00 PM - 03:00 PM	49.0	71.8	47.1
03:00 PM - 04:00 PM	51.6	76.0	49.6
04:00 PM - 05:00 PM	49.6	74.1	49.2
05:00 PM - 06:00 PM	47.6	66.7	47.1
06:00 PM - 07:00 PM	46.7	61.7	46.6
07:00 PM - 08:00 PM	47.3	62.5	47.3
08:00 PM - 09:00 PM	47.0	61.8	46.8
09:00 PM - 10:00 PM	46.9	63.4	46.6
10:00 PM - 10:05 PM	46.2	55.6	46.5
10:05 PM - 10:10 PM	46.7	57.1	46.8
10:10 PM - 10:15 PM	48.1	58.9	47.4
10:15 PM - 10:20 PM	47.1	55.7	46.9
10:20 PM - 10:25 PM	46.2	57.4	46.6
10:25 PM - 10:30 PM	46.0	56.4	45.7
10:30 PM - 10:35 PM	46.4	54.3	46.8
10:35 PM - 10:40 PM	46.0	53.8	46.4
10:40 PM - 10:45 PM	46.4	55.8	46.3
10:45 PM - 10:50 PM	45.5	54.5	46.2
10:50 PM - 10:55 PM	46.8	59.8	46.4
10:55 PM - 11:00 PM	46.3	55.8	46.2
11:00 PM - 11:05 PM	44.9	53.6	45.1
11:05 PM - 11:10 PM	45.4	53.6	45.6
11:10 PM - 11:15 PM	45.0	54.7	44.6
11:15 PM - 11:20 PM	45.4	55.7	45.0
11:20 PM - 11:25 PM	55.6	74.1	44.4
11:25 PM - 11:30 PM	45.3	56.9	45.3
11:30 PM - 11:35 PM	44.3	54.4	43.6
11:35 PM - 11:40 PM	44.1	52.3	43.4
11:40 PM - 11:45 PM	42.5	57.7	41.9
11:45 PM - 11:50 PM	43.2	54.4	42.6
11:50 PM - 11:55 PM	43.8	55.5	43.3
11:55 PM - 12:00 AM	43.8	58.8	43.9
12:00 AM - 12:05 AM	43.4	53.3	43.1
12:05 AM - 12:10 AM	43.2	54.0	42.7
12:10 AM - 12:15 AM	42.5	52.1	41.6
12:15 AM - 12:20 AM	42.8	51.7	42.7
12:20 AM - 12:25 AM	42.9	53.5	42.6

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

Approved by

Wilawan Borirak  
Manager

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## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652652-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-7  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 04 - 05, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	44.4	54.5	44.0
12:30 AM - 12:35 AM	45.4	61.7	45.1
12:35 AM - 12:40 AM	45.3	54.3	45.9
12:40 AM - 12:45 AM	44.3	54.5	44.7
12:45 AM - 12:50 AM	44.8	52.1	45.4
12:50 AM - 12:55 AM	44.8	54.1	45.5
12:55 AM - 01:00 AM	58.9	78.0	45.2
01:00 AM - 01:05 AM	52.4	71.5	44.3
01:05 AM - 01:10 AM	44.4	53.6	43.7
01:10 AM - 01:15 AM	43.6	53.9	43.4
01:15 AM - 01:20 AM	44.0	55.0	43.6
01:20 AM - 01:25 AM	45.4	55.4	44.8
01:25 AM - 01:30 AM	44.5	55.6	44.2
01:30 AM - 01:35 AM	45.9	56.0	44.9
01:35 AM - 01:40 AM	43.4	60.4	43.4
01:40 AM - 01:45 AM	43.3	51.3	43.5
01:45 AM - 01:50 AM	43.0	56.0	41.0
01:50 AM - 01:55 AM	41.4	52.8	39.0
01:55 AM - 02:00 AM	43.4	54.8	40.7
02:00 AM - 02:05 AM	43.8	54.0	41.9
02:05 AM - 02:10 AM	42.3	50.1	42.2
02:10 AM - 02:15 AM	42.7	50.4	42.3
02:15 AM - 02:20 AM	44.3	57.2	43.6
02:20 AM - 02:25 AM	42.6	54.8	41.5
02:25 AM - 02:30 AM	44.5	57.8	44.0
02:30 AM - 02:35 AM	47.9	69.8	41.5
02:35 AM - 02:40 AM	43.7	52.6	43.8
02:40 AM - 02:45 AM	44.1	52.7	43.7
02:45 AM - 02:50 AM	45.1	59.5	43.2
02:50 AM - 02:55 AM	45.2	54.7	44.4
02:55 AM - 03:00 AM	45.8	54.8	44.2
03:00 AM - 03:05 AM	47.7	56.1	45.9
03:05 AM - 03:10 AM	46.6	56.4	45.9
03:10 AM - 03:15 AM	45.8	54.1	46.0
03:15 AM - 03:20 AM	44.7	54.7	43.4
03:20 AM - 03:25 AM	44.1	54.9	44.1
03:25 AM - 03:30 AM	47.0	56.3	47.3
03:30 AM - 03:35 AM	46.1	55.7	46.3
03:35 AM - 03:40 AM	47.1	57.3	46.7
03:40 AM - 03:45 AM	55.9	76.6	45.8

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652652-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-7  
Parameter Noise  
Location บ้านโคกอุดมดี (N1) (Shut down)  
Measurement Date May 04 - 05, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	52.8	70.0	45.5
03:50 AM - 03:55 AM	52.6	70.4	47.6
03:55 AM - 04:00 AM	47.2	63.2	46.9
04:00 AM - 04:05 AM	55.0	74.3	47.6
04:05 AM - 04:10 AM	61.3	81.9	47.9
04:10 AM - 04:15 AM	47.2	56.2	47.2
04:15 AM - 04:20 AM	50.1	73.8	48.8
04:20 AM - 04:25 AM	49.3	59.4	49.6
04:25 AM - 04:30 AM	50.6	60.7	50.2
04:30 AM - 04:35 AM	49.9	62.6	50.1
04:35 AM - 04:40 AM	49.9	65.6	49.9
04:40 AM - 04:45 AM	49.7	61.4	49.1
04:45 AM - 04:50 AM	49.9	61.7	48.8
04:50 AM - 04:55 AM	51.0	70.4	48.8
04:55 AM - 05:00 AM	49.0	60.8	48.1
05:00 AM - 05:05 AM	48.8	62.2	48.6
05:05 AM - 05:10 AM	50.4	71.2	47.8
05:10 AM - 05:15 AM	50.2	62.9	48.2
05:15 AM - 05:20 AM	49.3	60.0	48.2
05:20 AM - 05:25 AM	52.5	62.8	48.9
05:25 AM - 05:30 AM	52.6	62.6	49.5
05:30 AM - 05:35 AM	51.1	65.6	48.9
05:35 AM - 05:40 AM	49.0	61.1	47.5
05:40 AM - 05:45 AM	50.0	65.6	48.1
05:45 AM - 05:50 AM	49.6	64.3	48.4
05:50 AM - 05:55 AM	50.0	63.5	48.2
05:55 AM - 06:00 AM	51.9	67.3	49.2
06:00 AM - 07:00 AM	51.6	74.8	48.8
07:00 AM - 08:00 AM	51.7	74.3	48.8
08:00 AM - 09:00 AM	51.6	75.4	47.6
09:00 AM - 10:00 AM	52.3	82.8	47.9
10:00 AM - 11:00 AM	60.4	80.2	50.2

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652653-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-8  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.1	78.9	39.5
01:00 PM - 02:00 PM	52.4	78.3	42.4
02:00 PM - 03:00 PM	54.6	80.2	39.9
03:00 PM - 04:00 PM	52.7	79.1	39.3
04:00 PM - 05:00 PM	48.7	74.6	37.6
05:00 PM - 06:00 PM	51.5	77.3	39.8
06:00 PM - 07:00 PM	52.4	75.4	44.4
07:00 PM - 08:00 PM	46.5	67.0	40.2
08:00 PM - 09:00 PM	45.3	66.9	39.8
09:00 PM - 10:00 PM	42.3	64.0	39.4
10:00 PM - 10:05 PM	45.5	60.2	39.5
10:05 PM - 10:10 PM	40.7	49.1	39.3
10:10 PM - 10:15 PM	43.7	54.8	39.3
10:15 PM - 10:20 PM	43.2	53.2	39.7
10:20 PM - 10:25 PM	45.0	59.8	39.8
10:25 PM - 10:30 PM	42.9	54.1	39.3
10:30 PM - 10:35 PM	40.7	53.2	39.1
10:35 PM - 10:40 PM	44.5	63.7	39.4
10:40 PM - 10:45 PM	42.4	56.8	38.8
10:45 PM - 10:50 PM	40.4	48.1	38.7
10:50 PM - 10:55 PM	41.5	51.5	38.5
10:55 PM - 11:00 PM	42.1	52.7	38.8
11:00 PM - 11:05 PM	41.6	54.1	38.5
11:05 PM - 11:10 PM	51.0	70.9	38.8
11:10 PM - 11:15 PM	42.2	60.4	38.0
11:15 PM - 11:20 PM	39.8	52.3	37.2
11:20 PM - 11:25 PM	43.3	53.3	37.9
11:25 PM - 11:30 PM	41.8	53.2	38.2
11:30 PM - 11:35 PM	41.8	58.2	38.6
11:35 PM - 11:40 PM	41.4	53.0	38.0
11:40 PM - 11:45 PM	42.7	59.1	38.5
11:45 PM - 11:50 PM	39.2	46.9	38.0
11:50 PM - 11:55 PM	41.4	54.0	37.0
11:55 PM - 12:00 AM	55.8	71.8	38.7
12:00 AM - 12:05 AM	50.0	68.9	39.3
12:05 AM - 12:10 AM	41.7	59.5	38.8
12:10 AM - 12:15 AM	42.6	54.4	39.6
12:15 AM - 12:20 AM	40.8	50.7	38.6
12:20 AM - 12:25 AM	42.0	55.6	37.2
12:25 AM - 12:30 AM	43.6	62.9	37.7

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652653-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-8  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	41.2	57.1	37.3
12:35 AM - 12:40 AM	41.9	55.9	37.2
12:40 AM - 12:45 AM	39.0	55.2	37.2
12:45 AM - 12:50 AM	45.0	63.5	38.0
12:50 AM - 12:55 AM	45.5	59.3	38.6
12:55 AM - 01:00 AM	43.1	59.8	36.9
01:00 AM - 01:05 AM	39.0	50.7	36.9
01:05 AM - 01:10 AM	39.2	51.2	37.2
01:10 AM - 01:15 AM	41.7	56.0	37.7
01:15 AM - 01:20 AM	39.1	46.9	37.4
01:20 AM - 01:25 AM	45.7	61.9	37.6
01:25 AM - 01:30 AM	44.4	61.5	36.9
01:30 AM - 01:35 AM	38.2	43.6	36.0
01:35 AM - 01:40 AM	38.9	49.4	36.8
01:40 AM - 01:45 AM	40.1	55.3	36.7
01:45 AM - 01:50 AM	40.0	50.8	36.6
01:50 AM - 01:55 AM	38.0	46.5	36.5
01:55 AM - 02:00 AM	36.8	43.0	36.2
02:00 AM - 02:05 AM	37.3	45.0	36.3
02:05 AM - 02:10 AM	42.8	56.2	36.5
02:10 AM - 02:15 AM	38.4	41.3	37.3
02:15 AM - 02:20 AM	41.9	49.5	39.7
02:20 AM - 02:25 AM	41.3	46.5	39.2
02:25 AM - 02:30 AM	44.1	59.3	38.1
02:30 AM - 02:35 AM	42.4	55.4	37.2
02:35 AM - 02:40 AM	38.8	46.1	36.1
02:40 AM - 02:45 AM	38.4	47.6	36.1
02:45 AM - 02:50 AM	37.1	42.9	36.3
02:50 AM - 02:55 AM	40.0	51.9	37.1
02:55 AM - 03:00 AM	40.3	50.7	37.8
03:00 AM - 03:05 AM	40.3	50.5	39.1
03:05 AM - 03:10 AM	40.8	53.5	38.5
03:10 AM - 03:15 AM	40.2	51.8	38.8
03:15 AM - 03:20 AM	39.1	51.4	37.9
03:20 AM - 03:25 AM	38.4	50.2	37.2
03:25 AM - 03:30 AM	38.8	58.2	36.3
03:30 AM - 03:35 AM	48.1	62.6	38.0
03:35 AM - 03:40 AM	49.6	70.0	36.5
03:40 AM - 03:45 AM	37.4	50.5	35.5
03:45 AM - 03:50 AM	40.3	55.4	35.7

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652653-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-8  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 28 - 29, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	39.2	53.9	36.1
03:55 AM - 04:00 AM	41.3	52.2	38.3
04:00 AM - 04:05 AM	39.2	51.2	36.9
04:05 AM - 04:10 AM	39.6	49.9	38.2
04:10 AM - 04:15 AM	38.3	41.8	37.0
04:15 AM - 04:20 AM	37.6	44.4	36.6
04:20 AM - 04:25 AM	38.6	49.4	36.4
04:25 AM - 04:30 AM	37.5	44.8	35.4
04:30 AM - 04:35 AM	38.1	47.9	35.7
04:35 AM - 04:40 AM	38.2	48.1	35.6
04:40 AM - 04:45 AM	39.6	45.9	37.4
04:45 AM - 04:50 AM	48.1	62.6	39.9
04:50 AM - 04:55 AM	40.3	49.0	38.5
04:55 AM - 05:00 AM	41.8	48.2	40.4
05:00 AM - 05:05 AM	42.7	52.6	41.6
05:05 AM - 05:10 AM	42.7	49.1	41.1
05:10 AM - 05:15 AM	40.8	47.9	39.5
05:15 AM - 05:20 AM	41.8	46.7	40.3
05:20 AM - 05:25 AM	41.9	47.1	40.6
05:25 AM - 05:30 AM	48.2	63.5	41.2
05:30 AM - 05:35 AM	47.2	67.4	41.6
05:35 AM - 05:40 AM	46.1	59.7	43.5
05:40 AM - 05:45 AM	52.4	69.8	48.7
05:45 AM - 05:50 AM	52.6	67.6	49.6
05:50 AM - 05:55 AM	53.7	63.6	48.8
05:55 AM - 06:00 AM	52.3	69.5	44.5
06:00 AM - 07:00 AM	54.1	78.3	40.0
07:00 AM - 08:00 AM	53.9	75.5	39.5
08:00 AM - 09:00 AM	50.2	75.5	39.9
09:00 AM - 10:00 AM	50.9	77.8	42.3
10:00 AM - 11:00 AM	50.0	72.7	38.5
11:00 AM - 12:00 PM	52.1	74.6	38.3

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652654-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-9  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.0	75.6	37.1
01:00 PM - 02:00 PM	47.4	72.7	35.0
02:00 PM - 03:00 PM	48.9	75.3	36.0
03:00 PM - 04:00 PM	54.8	90.4	45.1
04:00 PM - 05:00 PM	64.3	83.0	60.6
05:00 PM - 06:00 PM	54.1	74.3	48.7
06:00 PM - 07:00 PM	52.0	78.4	42.7
07:00 PM - 08:00 PM	46.5	74.4	41.9
08:00 PM - 09:00 PM	48.1	72.8	41.2
09:00 PM - 10:00 PM	58.3	77.2	55.3
10:00 PM - 10:05 PM	47.5	61.3	45.3
10:05 PM - 10:10 PM	50.5	76.1	44.0
10:10 PM - 10:15 PM	50.0	62.1	43.3
10:15 PM - 10:20 PM	47.8	61.1	42.6
10:20 PM - 10:25 PM	44.0	59.0	42.0
10:25 PM - 10:30 PM	47.9	63.9	42.4
10:30 PM - 10:35 PM	43.2	55.1	42.1
10:35 PM - 10:40 PM	50.2	66.6	42.7
10:40 PM - 10:45 PM	49.2	67.9	42.5
10:45 PM - 10:50 PM	43.9	52.7	41.9
10:50 PM - 10:55 PM	43.2	53.2	42.0
10:55 PM - 11:00 PM	44.4	54.3	42.2
11:00 PM - 11:05 PM	47.2	62.7	42.0
11:05 PM - 11:10 PM	42.6	49.7	41.4
11:10 PM - 11:15 PM	42.2	50.2	41.2
11:15 PM - 11:20 PM	43.3	55.3	41.6
11:20 PM - 11:25 PM	42.6	50.7	41.6
11:25 PM - 11:30 PM	43.1	49.8	41.7
11:30 PM - 11:35 PM	43.6	55.5	41.7
11:35 PM - 11:40 PM	43.2	50.4	41.6
11:40 PM - 11:45 PM	44.1	53.6	41.5
11:45 PM - 11:50 PM	44.3	57.7	41.0
11:50 PM - 11:55 PM	45.4	57.2	41.1
11:55 PM - 12:00 AM	51.3	69.9	41.8
12:00 AM - 12:05 AM	41.9	47.6	40.9
12:05 AM - 12:10 AM	42.9	51.4	41.1
12:10 AM - 12:15 AM	41.5	52.5	40.2
12:15 AM - 12:20 AM	43.7	51.9	40.5
12:20 AM - 12:25 AM	40.8	50.7	37.3
12:25 AM - 12:30 AM	42.5	54.0	37.9

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Approved by

Wilawan Borirak  
Manager

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## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652654-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-9  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	43.4	52.9	38.1
12:35 AM - 12:40 AM	42.5	49.3	41.0
12:40 AM - 12:45 AM	43.1	51.7	40.9
12:45 AM - 12:50 AM	41.7	50.1	40.7
12:50 AM - 12:55 AM	42.5	48.4	41.5
12:55 AM - 01:00 AM	41.8	52.3	39.5
01:00 AM - 01:05 AM	42.1	50.7	40.9
01:05 AM - 01:10 AM	44.9	58.0	40.6
01:10 AM - 01:15 AM	42.1	48.4	40.6
01:15 AM - 01:20 AM	42.0	48.1	40.4
01:20 AM - 01:25 AM	42.7	49.2	38.3
01:25 AM - 01:30 AM	41.1	53.5	36.7
01:30 AM - 01:35 AM	39.0	48.1	36.7
01:35 AM - 01:40 AM	39.2	47.6	36.9
01:40 AM - 01:45 AM	42.1	50.6	37.4
01:45 AM - 01:50 AM	40.7	49.7	37.7
01:50 AM - 01:55 AM	39.3	46.8	37.0
01:55 AM - 02:00 AM	41.7	52.7	37.8
02:00 AM - 02:05 AM	39.7	48.4	37.1
02:05 AM - 02:10 AM	41.0	48.2	36.8
02:10 AM - 02:15 AM	39.8	47.5	36.6
02:15 AM - 02:20 AM	40.1	50.3	36.7
02:20 AM - 02:25 AM	37.3	50.5	36.2
02:25 AM - 02:30 AM	37.7	46.2	36.1
02:30 AM - 02:35 AM	37.9	47.0	36.5
02:35 AM - 02:40 AM	39.1	48.4	36.4
02:40 AM - 02:45 AM	39.6	49.7	36.4
02:45 AM - 02:50 AM	42.8	58.9	36.5
02:50 AM - 02:55 AM	39.7	52.5	37.1
02:55 AM - 03:00 AM	38.9	46.5	36.8
03:00 AM - 03:05 AM	39.2	43.8	37.0
03:05 AM - 03:10 AM	39.7	47.6	37.1
03:10 AM - 03:15 AM	39.4	47.2	36.9
03:15 AM - 03:20 AM	38.4	47.4	36.5
03:20 AM - 03:25 AM	40.6	49.4	37.1
03:25 AM - 03:30 AM	43.8	58.0	37.2
03:30 AM - 03:35 AM	38.5	44.9	36.2
03:35 AM - 03:40 AM	44.7	60.8	36.5
03:40 AM - 03:45 AM	40.0	51.2	36.8
03:45 AM - 03:50 AM	39.0	46.8	36.1

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652654-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-9  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 29 - 30, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	39.5	51.2	35.6
03:55 AM - 04:00 AM	37.6	45.7	35.4
04:00 AM - 04:05 AM	39.5	54.1	35.4
04:05 AM - 04:10 AM	39.8	56.0	35.3
04:10 AM - 04:15 AM	37.5	46.6	35.8
04:15 AM - 04:20 AM	39.9	51.5	36.1
04:20 AM - 04:25 AM	37.7	47.7	35.4
04:25 AM - 04:30 AM	38.6	47.9	35.9
04:30 AM - 04:35 AM	41.4	54.6	36.5
04:35 AM - 04:40 AM	41.9	52.5	36.6
04:40 AM - 04:45 AM	40.0	52.8	36.7
04:45 AM - 04:50 AM	45.1	60.0	38.1
04:50 AM - 04:55 AM	42.9	55.4	39.0
04:55 AM - 05:00 AM	44.2	54.6	40.0
05:00 AM - 05:05 AM	41.8	49.5	40.0
05:05 AM - 05:10 AM	43.9	57.9	40.5
05:10 AM - 05:15 AM	44.3	54.8	40.5
05:15 AM - 05:20 AM	42.5	52.4	40.3
05:20 AM - 05:25 AM	42.5	53.0	40.2
05:25 AM - 05:30 AM	46.5	59.7	41.1
05:30 AM - 05:35 AM	47.5	60.1	41.4
05:35 AM - 05:40 AM	51.0	66.5	42.5
05:40 AM - 05:45 AM	55.5	62.8	51.4
05:45 AM - 05:50 AM	55.3	65.5	49.8
05:50 AM - 05:55 AM	58.7	72.6	46.1
05:55 AM - 06:00 AM	55.0	69.2	45.8
06:00 AM - 07:00 AM	51.5	72.6	41.3
07:00 AM - 08:00 AM	55.2	78.3	46.3
08:00 AM - 09:00 AM	55.6	81.5	41.8
09:00 AM - 10:00 AM	53.4	77.7	42.4
10:00 AM - 11:00 AM	52.1	77.9	41.8
11:00 AM - 12:00 PM	62.4	87.8	37.9

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652655-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-10  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.6	86.9	36.3
01:00 PM - 02:00 PM	51.4	74.5	38.0
02:00 PM - 03:00 PM	49.1	75.9	38.6
03:00 PM - 04:00 PM	50.4	72.5	41.1
04:00 PM - 05:00 PM	56.7	76.2	50.8
05:00 PM - 06:00 PM	52.5	71.8	44.5
06:00 PM - 07:00 PM	52.8	74.1	46.4
07:00 PM - 08:00 PM	48.0	74.3	43.9
08:00 PM - 09:00 PM	48.8	71.8	43.2
09:00 PM - 10:00 PM	45.7	69.6	41.9
10:00 PM - 10:05 PM	45.9	57.1	41.8
10:05 PM - 10:10 PM	40.4	47.5	37.5
10:10 PM - 10:15 PM	49.1	67.1	39.7
10:15 PM - 10:20 PM	42.0	52.4	39.9
10:20 PM - 10:25 PM	41.5	52.3	39.8
10:25 PM - 10:30 PM	44.2	55.0	40.1
10:30 PM - 10:35 PM	42.0	54.1	39.3
10:35 PM - 10:40 PM	40.7	47.9	39.8
10:40 PM - 10:45 PM	43.1	54.5	40.0
10:45 PM - 10:50 PM	42.5	51.8	38.9
10:50 PM - 10:55 PM	45.9	58.5	39.8
10:55 PM - 11:00 PM	45.6	61.5	37.6
11:00 PM - 11:05 PM	43.8	54.0	40.0
11:05 PM - 11:10 PM	43.2	53.9	40.3
11:10 PM - 11:15 PM	43.9	55.9	40.3
11:15 PM - 11:20 PM	43.0	53.6	39.3
11:20 PM - 11:25 PM	42.2	53.3	39.6
11:25 PM - 11:30 PM	43.4	53.5	39.9
11:30 PM - 11:35 PM	43.5	55.1	37.2
11:35 PM - 11:40 PM	41.6	52.2	37.0
11:40 PM - 11:45 PM	43.1	56.5	37.4
11:45 PM - 11:50 PM	44.3	56.2	38.6
11:50 PM - 11:55 PM	45.2	59.6	40.3
11:55 PM - 12:00 AM	41.6	51.8	40.8
12:00 AM - 12:05 AM	43.7	55.3	41.3
12:05 AM - 12:10 AM	42.0	44.0	41.4
12:10 AM - 12:15 AM	42.9	54.0	40.2
12:15 AM - 12:20 AM	44.5	56.9	41.9
12:20 AM - 12:25 AM	43.1	56.0	38.3
12:25 AM - 12:30 AM	42.7	48.3	41.6

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Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652655-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-10  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	44.3	47.1	43.1
12:35 AM - 12:40 AM	45.0	58.2	42.9
12:40 AM - 12:45 AM	44.1	57.0	41.8
12:45 AM - 12:50 AM	42.4	44.3	40.8
12:50 AM - 12:55 AM	43.3	54.6	37.3
12:55 AM - 01:00 AM	42.7	56.1	37.4
01:00 AM - 01:05 AM	42.0	56.4	36.4
01:05 AM - 01:10 AM	37.0	40.0	36.5
01:10 AM - 01:15 AM	37.3	45.3	36.3
01:15 AM - 01:20 AM	39.4	46.7	36.4
01:20 AM - 01:25 AM	38.9	50.2	36.3
01:25 AM - 01:30 AM	37.0	41.8	35.8
01:30 AM - 01:35 AM	37.1	40.7	35.6
01:35 AM - 01:40 AM	40.7	54.7	36.2
01:40 AM - 01:45 AM	38.6	55.6	36.3
01:45 AM - 01:50 AM	39.2	46.7	36.2
01:50 AM - 01:55 AM	47.8	62.6	36.2
01:55 AM - 02:00 AM	41.4	61.4	36.2
02:00 AM - 02:05 AM	39.8	45.7	36.5
02:05 AM - 02:10 AM	42.5	58.4	37.2
02:10 AM - 02:15 AM	38.5	43.7	37.1
02:15 AM - 02:20 AM	39.7	54.6	36.7
02:20 AM - 02:25 AM	39.1	46.7	37.0
02:25 AM - 02:30 AM	39.3	44.6	37.4
02:30 AM - 02:35 AM	38.6	41.4	37.3
02:35 AM - 02:40 AM	41.7	56.1	36.3
02:40 AM - 02:45 AM	39.1	44.6	36.3
02:45 AM - 02:50 AM	41.9	55.8	36.7
02:50 AM - 02:55 AM	39.9	43.0	39.3
02:55 AM - 03:00 AM	39.2	41.4	38.5
03:00 AM - 03:05 AM	37.4	43.7	36.6
03:05 AM - 03:10 AM	37.2	48.2	36.4
03:10 AM - 03:15 AM	37.0	41.8	36.1
03:15 AM - 03:20 AM	42.5	59.1	35.6
03:20 AM - 03:25 AM	46.2	61.2	34.9
03:25 AM - 03:30 AM	35.9	41.8	34.5
03:30 AM - 03:35 AM	37.4	48.4	34.7
03:35 AM - 03:40 AM	41.8	53.4	35.5
03:40 AM - 03:45 AM	39.5	51.0	35.3
03:45 AM - 03:50 AM	38.8	51.0	35.0

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Wilawan Borirak  
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## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652655-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-10  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date Apr 30 - May 01, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	39.7	51.9	35.0
03:55 AM - 04:00 AM	42.0	55.3	35.4
04:00 AM - 04:05 AM	40.7	54.6	35.1
04:05 AM - 04:10 AM	38.9	46.1	35.2
04:10 AM - 04:15 AM	42.7	54.7	35.7
04:15 AM - 04:20 AM	50.8	63.6	37.3
04:20 AM - 04:25 AM	42.8	55.8	35.6
04:25 AM - 04:30 AM	39.3	47.0	35.7
04:30 AM - 04:35 AM	40.2	51.9	36.7
04:35 AM - 04:40 AM	42.3	55.2	37.1
04:40 AM - 04:45 AM	43.3	54.2	38.4
04:45 AM - 04:50 AM	39.4	47.9	36.3
04:50 AM - 04:55 AM	45.0	61.4	38.8
04:55 AM - 05:00 AM	39.8	46.4	37.6
05:00 AM - 05:05 AM	40.8	46.9	39.0
05:05 AM - 05:10 AM	42.1	53.1	38.8
05:10 AM - 05:15 AM	44.9	61.0	38.9
05:15 AM - 05:20 AM	49.6	63.9	40.0
05:20 AM - 05:25 AM	47.4	62.4	41.1
05:25 AM - 05:30 AM	43.9	56.4	39.9
05:30 AM - 05:35 AM	47.3	60.4	40.8
05:35 AM - 05:40 AM	51.3	63.5	42.6
05:40 AM - 05:45 AM	53.5	61.5	51.5
05:45 AM - 05:50 AM	50.6	62.5	47.1
05:50 AM - 05:55 AM	54.1	70.8	45.2
05:55 AM - 06:00 AM	53.2	72.5	44.1
06:00 AM - 07:00 AM	51.9	73.3	42.1
07:00 AM - 08:00 AM	54.4	73.7	46.4
08:00 AM - 09:00 AM	53.9	84.3	40.9
09:00 AM - 10:00 AM	51.3	73.8	40.6
10:00 AM - 11:00 AM	57.6	90.5	40.7
11:00 AM - 12:00 PM	49.6	82.3	47.4

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652656-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-11  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	49.2	60.0	48.3
01:00 PM - 02:00 PM	55.2	74.7	50.9
02:00 PM - 03:00 PM	53.1	69.3	52.0
03:00 PM - 04:00 PM	52.4	64.8	51.5
04:00 PM - 05:00 PM	52.4	62.1	51.5
05:00 PM - 06:00 PM	51.3	78.4	49.9
06:00 PM - 07:00 PM	50.2	68.4	48.6
07:00 PM - 08:00 PM	50.4	69.3	48.2
08:00 PM - 09:00 PM	49.4	71.5	47.3
09:00 PM - 10:00 PM	47.7	66.3	45.8
10:00 PM - 10:05 PM	47.9	52.1	46.3
10:05 PM - 10:10 PM	48.0	52.5	46.2
10:10 PM - 10:15 PM	48.4	52.8	46.3
10:15 PM - 10:20 PM	47.5	52.9	45.6
10:20 PM - 10:25 PM	46.9	59.0	45.2
10:25 PM - 10:30 PM	46.9	53.2	45.0
10:30 PM - 10:35 PM	47.0	51.5	46.0
10:35 PM - 10:40 PM	46.2	49.9	45.2
10:40 PM - 10:45 PM	47.2	56.3	45.7
10:45 PM - 10:50 PM	47.9	57.5	46.3
10:50 PM - 10:55 PM	48.1	55.3	45.1
10:55 PM - 11:00 PM	49.1	67.7	44.4
11:00 PM - 11:05 PM	47.5	61.1	45.4
11:05 PM - 11:10 PM	45.4	48.7	44.3
11:10 PM - 11:15 PM	46.6	58.9	45.2
11:15 PM - 11:20 PM	47.3	59.8	43.7
11:20 PM - 11:25 PM	46.6	67.4	43.6
11:25 PM - 11:30 PM	45.1	55.7	43.9
11:30 PM - 11:35 PM	45.4	50.4	44.5
11:35 PM - 11:40 PM	47.3	54.2	44.2
11:40 PM - 11:45 PM	45.3	52.0	44.0
11:45 PM - 11:50 PM	46.6	52.4	44.6
11:50 PM - 11:55 PM	45.2	52.9	43.8
11:55 PM - 12:00 AM	45.3	56.6	43.4
12:00 AM - 12:05 AM	46.3	57.2	44.0
12:05 AM - 12:10 AM	46.0	51.7	43.9
12:10 AM - 12:15 AM	45.4	50.5	43.9
12:15 AM - 12:20 AM	46.9	58.3	44.8
12:20 AM - 12:25 AM	46.7	54.9	43.5
12:25 AM - 12:30 AM	44.9	54.6	43.6

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Approved by

Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652656-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-11  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	46.9	57.1	44.3
12:35 AM - 12:40 AM	47.4	52.7	45.3
12:40 AM - 12:45 AM	49.7	57.3	46.3
12:45 AM - 12:50 AM	50.9	77.7	44.3
12:50 AM - 12:55 AM	50.7	76.6	43.4
12:55 AM - 01:00 AM	47.1	54.1	44.3
01:00 AM - 01:05 AM	47.3	67.2	43.7
01:05 AM - 01:10 AM	47.4	65.1	42.2
01:10 AM - 01:15 AM	48.9	61.1	43.5
01:15 AM - 01:20 AM	46.4	54.2	43.7
01:20 AM - 01:25 AM	47.8	52.3	45.6
01:25 AM - 01:30 AM	47.0	64.0	44.4
01:30 AM - 01:35 AM	50.5	66.6	45.7
01:35 AM - 01:40 AM	45.2	62.9	43.5
01:40 AM - 01:45 AM	45.1	52.3	43.4
01:45 AM - 01:50 AM	48.2	62.6	45.5
01:50 AM - 01:55 AM	46.1	51.9	44.6
01:55 AM - 02:00 AM	45.5	52.9	43.0
02:00 AM - 02:05 AM	48.1	63.0	43.7
02:05 AM - 02:10 AM	44.9	52.3	43.9
02:10 AM - 02:15 AM	52.4	75.5	43.9
02:15 AM - 02:20 AM	46.1	52.0	44.0
02:20 AM - 02:25 AM	51.6	69.5	44.4
02:25 AM - 02:30 AM	44.9	56.0	43.2
02:30 AM - 02:35 AM	47.6	56.2	45.4
02:35 AM - 02:40 AM	45.7	54.0	44.2
02:40 AM - 02:45 AM	45.4	63.8	44.0
02:45 AM - 02:50 AM	52.6	69.8	43.7
02:50 AM - 02:55 AM	48.6	63.1	45.2
02:55 AM - 03:00 AM	46.7	48.9	45.1
03:00 AM - 03:05 AM	46.7	53.5	43.9
03:05 AM - 03:10 AM	45.5	64.1	43.7
03:10 AM - 03:15 AM	46.7	51.9	44.8
03:15 AM - 03:20 AM	49.6	65.8	45.6
03:20 AM - 03:25 AM	46.8	52.8	45.4
03:25 AM - 03:30 AM	46.5	52.2	45.5
03:30 AM - 03:35 AM	46.2	52.7	44.8
03:35 AM - 03:40 AM	46.9	53.4	45.4
03:40 AM - 03:45 AM	47.2	54.4	44.9
03:45 AM - 03:50 AM	48.6	54.3	44.7

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Approved by

Wilawan Borirak  
Manager





## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652656-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-11  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 01 - 02, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	47.4	53.1	45.3
03:55 AM - 04:00 AM	47.3	54.5	45.5
04:00 AM - 04:05 AM	47.0	58.5	44.4
04:05 AM - 04:10 AM	45.4	51.6	44.3
04:10 AM - 04:15 AM	48.2	55.6	46.1
04:15 AM - 04:20 AM	47.0	58.6	45.4
04:20 AM - 04:25 AM	46.9	54.2	45.2
04:25 AM - 04:30 AM	50.2	67.0	44.5
04:30 AM - 04:35 AM	46.9	61.2	43.9
04:35 AM - 04:40 AM	46.5	61.4	45.3
04:40 AM - 04:45 AM	46.3	52.0	44.8
04:45 AM - 04:50 AM	46.3	48.7	45.4
04:50 AM - 04:55 AM	45.8	49.6	44.6
04:55 AM - 05:00 AM	45.8	52.1	44.6
05:00 AM - 05:05 AM	46.9	55.5	45.0
05:05 AM - 05:10 AM	47.4	55.8	45.1
05:10 AM - 05:15 AM	45.1	52.2	43.9
05:15 AM - 05:20 AM	46.0	54.1	44.4
05:20 AM - 05:25 AM	47.2	53.7	45.1
05:25 AM - 05:30 AM	46.8	55.6	45.2
05:30 AM - 05:35 AM	47.3	54.1	45.8
05:35 AM - 05:40 AM	46.9	55.7	45.2
05:40 AM - 05:45 AM	47.0	56.1	44.9
05:45 AM - 05:50 AM	47.3	55.5	45.4
05:50 AM - 05:55 AM	47.2	54.4	45.6
05:55 AM - 06:00 AM	47.2	52.4	45.9
06:00 AM - 07:00 AM	47.6	62.8	46.1
07:00 AM - 08:00 AM	48.5	71.1	46.4
08:00 AM - 09:00 AM	50.7	70.8	46.5
09:00 AM - 10:00 AM	48.5	59.9	47.2
10:00 AM - 11:00 AM	47.1	63.8	44.6
11:00 AM - 12:00 PM	45.1	56.7	42.7

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652657-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 1 of 3

Sample No. 2338293-12  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	45.4	57.9	43.1
01:00 PM - 02:00 PM	45.8	61.5	44.0
02:00 PM - 03:00 PM	48.5	77.4	44.2
03:00 PM - 04:00 PM	49.0	68.4	47.5
04:00 PM - 05:00 PM	48.5	57.6	47.3
05:00 PM - 06:00 PM	48.5	57.5	47.2
06:00 PM - 07:00 PM	47.8	56.3	46.3
07:00 PM - 08:00 PM	47.3	56.7	45.9
08:00 PM - 09:00 PM	46.4	56.1	45.0
09:00 PM - 10:00 PM	46.2	53.6	44.7
10:00 PM - 10:05 PM	46.1	50.6	45.0
10:05 PM - 10:10 PM	46.0	49.8	44.6
10:10 PM - 10:15 PM	45.5	49.2	44.1
10:15 PM - 10:20 PM	45.7	49.6	44.3
10:20 PM - 10:25 PM	46.2	51.2	43.2
10:25 PM - 10:30 PM	46.6	52.5	44.5
10:30 PM - 10:35 PM	49.0	57.4	46.7
10:35 PM - 10:40 PM	50.4	59.5	47.3
10:40 PM - 10:45 PM	49.6	61.0	47.5
10:45 PM - 10:50 PM	49.5	62.6	46.7
10:50 PM - 10:55 PM	50.3	59.9	46.7
10:55 PM - 11:00 PM	49.0	59.1	46.0
11:00 PM - 11:05 PM	47.0	55.4	45.3
11:05 PM - 11:10 PM	47.9	55.5	45.5
11:10 PM - 11:15 PM	47.2	56.0	45.3
11:15 PM - 11:20 PM	47.1	51.3	45.5
11:20 PM - 11:25 PM	49.8	56.7	45.4
11:25 PM - 11:30 PM	50.3	55.2	47.6
11:30 PM - 11:35 PM	48.0	52.0	46.7
11:35 PM - 11:40 PM	47.4	57.3	45.5
11:40 PM - 11:45 PM	53.4	59.8	46.2
11:45 PM - 11:50 PM	47.1	57.5	43.1
11:50 PM - 11:55 PM	45.1	50.6	42.7
11:55 PM - 12:00 AM	45.0	53.1	42.2
12:00 AM - 12:05 AM	43.0	47.3	40.6
12:05 AM - 12:10 AM	45.3	54.2	43.5
12:10 AM - 12:15 AM	46.4	60.1	44.2
12:15 AM - 12:20 AM	44.4	53.9	41.9
12:20 AM - 12:25 AM	44.5	48.9	41.7
12:25 AM - 12:30 AM	44.4	49.7	42.5

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Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652657-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 2 of 3

Sample No. 2338293-12  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	43.9	52.8	41.8
12:35 AM - 12:40 AM	45.6	52.8	43.5
12:40 AM - 12:45 AM	45.9	55.4	43.3
12:45 AM - 12:50 AM	46.9	56.1	43.8
12:50 AM - 12:55 AM	46.2	53.4	43.8
12:55 AM - 01:00 AM	47.3	54.1	45.5
01:00 AM - 01:05 AM	46.7	53.5	44.3
01:05 AM - 01:10 AM	46.6	60.7	44.0
01:10 AM - 01:15 AM	46.9	59.1	43.6
01:15 AM - 01:20 AM	47.2	56.5	44.5
01:20 AM - 01:25 AM	47.3	59.5	45.0
01:25 AM - 01:30 AM	47.1	55.5	44.2
01:30 AM - 01:35 AM	47.2	55.4	44.2
01:35 AM - 01:40 AM	45.9	54.0	43.9
01:40 AM - 01:45 AM	51.5	70.2	44.0
01:45 AM - 01:50 AM	53.2	78.3	45.6
01:50 AM - 01:55 AM	46.5	52.4	44.9
01:55 AM - 02:00 AM	46.5	57.5	43.7
02:00 AM - 02:05 AM	48.8	59.0	46.9
02:05 AM - 02:10 AM	46.9	51.3	45.0
02:10 AM - 02:15 AM	55.4	82.1	43.0
02:15 AM - 02:20 AM	50.8	52.6	50.2
02:20 AM - 02:25 AM	50.6	57.9	49.8
02:25 AM - 02:30 AM	50.3	53.0	49.4
02:30 AM - 02:35 AM	50.1	52.3	49.4
02:35 AM - 02:40 AM	49.5	53.4	48.2
02:40 AM - 02:45 AM	49.8	52.2	48.9
02:45 AM - 02:50 AM	49.4	51.5	48.8
02:50 AM - 02:55 AM	49.0	51.2	48.0
02:55 AM - 03:00 AM	47.5	50.5	46.6
03:00 AM - 03:05 AM	47.5	49.2	47.0
03:05 AM - 03:10 AM	47.3	49.5	46.6
03:10 AM - 03:15 AM	47.2	48.9	46.7
03:15 AM - 03:20 AM	47.4	54.3	46.9
03:20 AM - 03:25 AM	47.4	52.8	46.4
03:25 AM - 03:30 AM	47.2	49.0	46.6
03:30 AM - 03:35 AM	48.0	50.1	46.9
03:35 AM - 03:40 AM	48.6	50.2	48.0
03:40 AM - 03:45 AM	48.7	51.6	47.7
03:45 AM - 03:50 AM	48.9	50.6	48.3

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Manager



## Analysis / Test Report

TESTING  
No.0042

Client : Rojana Industrial Park Prachinburi Co., Ltd.  
141 Moo12, Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi Thailand 25140

Lot ID: 2338293  
Date Received : May 08, 2023  
Date Reported : May 16, 2023  
Report No. : 2652657-1

P/O :  
Project Name : Prachinburi  
Project Location :

Page 3 of 3

Sample No. 2338293-12  
Parameter Noise  
Location บ้านหนองระเนตร (N2) (Shut down)  
Measurement Date May 02 - 03, 2023  
Measurement by Nontachai Uppathamp  
Sound Level Meter 00734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	49.1	52.1	48.6
03:55 AM - 04:00 AM	48.8	51.6	48.2
04:00 AM - 04:05 AM	48.6	53.0	47.9
04:05 AM - 04:10 AM	48.9	53.1	48.2
04:10 AM - 04:15 AM	48.2	53.8	47.6
04:15 AM - 04:20 AM	48.7	51.2	48.1
04:20 AM - 04:25 AM	49.3	51.7	48.7
04:25 AM - 04:30 AM	49.2	51.4	48.4
04:30 AM - 04:35 AM	48.9	51.4	47.9
04:35 AM - 04:40 AM	49.0	61.4	47.1
04:40 AM - 04:45 AM	49.0	56.7	47.3
04:45 AM - 04:50 AM	49.1	58.4	48.2
04:50 AM - 04:55 AM	48.9	51.2	48.2
04:55 AM - 05:00 AM	49.5	56.6	48.6
05:00 AM - 05:05 AM	49.8	52.4	49.2
05:05 AM - 05:10 AM	49.6	55.8	48.8
05:10 AM - 05:15 AM	49.6	52.4	49.1
05:15 AM - 05:20 AM	49.4	51.4	48.8
05:20 AM - 05:25 AM	50.3	58.3	49.3
05:25 AM - 05:30 AM	52.2	80.2	49.0
05:30 AM - 05:35 AM	49.5	71.0	48.2
05:35 AM - 05:40 AM	50.1	55.9	49.2
05:40 AM - 05:45 AM	49.9	53.6	49.2
05:45 AM - 05:50 AM	50.0	55.4	49.1
05:50 AM - 05:55 AM	50.2	55.4	49.4
05:55 AM - 06:00 AM	50.4	55.1	49.5
06:00 AM - 07:00 AM	53.4	81.4	51.4
07:00 AM - 08:00 AM	52.8	68.2	51.9
08:00 AM - 09:00 AM	51.9	60.8	51.2
09:00 AM - 10:00 AM	51.0	64.9	50.0
10:00 AM - 11:00 AM	48.9	64.1	47.5
11:00 AM - 12:00 PM	46.6	58.2	44.5

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak  
Manager

# ภาคผนวก ค-13

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นิเวศวิทยาทางน้ำ



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia convoluta</i>	109,000	115,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	1,777,000	-	-	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria anguina</i>	8,000	-	-	-	-
4. <i>Oscillatoria brevis</i>	-	-	149,000	-	16,000
5. <i>Oscillatoria princeps</i>	-	-	-	8,000	-
6. <i>Oscillatoria</i> sp.	31,000	1,254,000	116,000	489,000	49,000
7. <i>Oscillatoria tenuis</i>	16,000	-	-	139,000	49,000
8. <i>Spirulina</i> sp.	-	-	8,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Family Nostocaceae</b>					
9. <i>Anabaena azollae</i>	-	951,000	17,000	-	-
10. <i>Raphidiopsis</i> sp.	-	512,000	17,000	-	-
<b>Family Rivulariaceae</b>					
11. <i>Calothrix</i> sp.	39,000	-	-	-	-
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
12. <i>Eudorina elegans</i>	-	-	-	-	8,000
13. <i>Gonium pectorale</i>	-	-	58,000	-	-
14. <i>Gonium sociale</i>	-	-	17,000	82,000	-
<b>Order Chlorococcales</b>					
<b>Family Chlorococcaceae</b>					
15. <i>Golenkinia radiata</i>	-	-	25,000	-	12,000
<b>Family Hydrodictyaceae</b>					
16. <i>Pediastrum duplex</i>	16,000	-	100,000	33,000	-
17. <i>Pediastrum simplex</i>	-	31,000	8,000	8,000	-
<b>Family Coelastraceae</b>					
18. <i>Coelastrum microporum</i>	-	63,000	66,000	147,000	8,000
19. <i>Coelastrum sphaericum</i>	-	42,000	199,000	-	-
<b>Family Botryococcaceae</b>					
20. <i>Botryococcus braunii</i>	70,000	836,000	208,000	82,000	-
<b>Family Oocystaceae</b>					
21. <i>Ankistrodesmus falcatus</i>	55,000	-	-	-	-
22. <i>Ankistrodesmus</i> sp.	-	52,000	-	-	-
23. <i>Ankistrodesmus spiralis</i>	-	-	-	16,000	41,000



ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
24. <i>Dictyosphaerium pulchellum</i>	-	136,000	50,000	261,000	-
25. <i>Kirchneriella lunaris</i>	-	21,000	91,000	49,000	33,000
26. <i>Kirchneriella subsolitaria</i>	-	31,000	141,000	-	-
27. <i>Oocystis elliptica</i>	-	21,000	75,000	90,000	8,000
28. <i>Planktosphaeria gelatinosa</i>	-	-	125,000	24,000	16,000
29. <i>Tetraedron gracile</i>	-	63,000	8,000	-	33,000
30. <i>Tetraedron</i> sp.	-	-	232,000	-	-
31. <i>Tetraedron trigonum</i>	-	-	224,000	8,000	8,000
32. <i>Tetraedron victoriae</i>	-	-	141,000	8,000	-
<b>Family Scenedesmaceae</b>					
33. <i>Actinastrum</i> sp.	-	21,000	108,000	33,000	-
34. <i>Crucigenia apiculata</i>	-	-	50,000	-	-
35. <i>Micractinium lux</i>	-	-	-	-	8,000
36. <i>Scenedesmus opoliensis</i>	-	31,000	-	-	-
37. <i>Scenedesmus</i> sp.	-	-	-	-	41,000
<b>Order Ulotrichales</b>					
<b>Family Ulotrichaceae</b>					
38. <i>Geminella</i> sp.	16,000	-	-	24,000	-
39. <i>Ulothrix zonata</i>	16,000	-	-	-	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
40. <i>Spirogyra</i> sp.	218,000	52,000	66,000	1,630,000	228,000
41. <i>Spirogyra weberi</i>	702,000	-	-	782,000	33,000
<b>Family Desmidiaceae</b>					
42. <i>Closterium acerosum</i>	8,000	219,000	-	-	8,000
43. <i>Closterium gracile</i>	-	-	-	-	41,000
44. <i>Closterium kuetzingii</i>	-	10,000	58,000	8,000	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
45. <i>Closterium porrectum</i>	-	-	-	-	41,000
46. <i>Closterium</i> sp.	94,000	523,000	-	-	-
47. <i>Cosmarium nudum</i>	-	-	-	-	41,000
48. <i>Cosmarium</i> sp.	55,000	146,000	8,000	16,000	-
49. <i>Euastrum sinuosum</i>	-	31,000	-	-	24,000
50. <i>Micrasterias pinnatifida</i>	-	-	-	-	57,000
51. <i>Pleurotaenium</i> sp.	16,000	10,000	-	-	-
52. <i>Pleurotaenium trabecula</i>	117,000	-	-	-	49,000
53. <i>Staurastrum gracile</i>	-	20,587,000	299,000	147,000	24,000
54. <i>Staurastrum limneticum</i>	-	94,000	-	-	-
55. <i>Staurastrum muticum</i>	-	1,777,000	-	24,000	-
56. <i>Staurastrum</i> sp.	23,000	1,463,000	149,000	130,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
57. <i>Euglena acus</i>	125,000	345,000	17,000	122,000	163,000
58. <i>Euglena oxyuris</i>	374,000	115,000	25,000	171,000	24,000
59. <i>Euglena</i> sp.	-	52,000	108,000	41,000	-
60. <i>Euglena splendens</i>	593,000	-	-	57,000	-
61. <i>Euglena viridis</i>	445,000	94,000	-	-	90,000
62. <i>Lepocinclis acicularis</i>	624,000	-	-	-	-
63. <i>Lepocinclis ovum</i>	4,290,000	502,000	125,000	652,000	3,097,000
64. <i>Lepocinclis steinii</i>	47,000	-	-	16,000	-
65. <i>Phacus angulatus</i>	-	-	-	16,000	122,000
66. <i>Phacus hamatus</i>	421,000	125,000	8,000	73,000	-
67. <i>Phacus helikoides</i>	-	94,000	8,000	-	-
68. <i>Phacus longicauda</i>	-	21,000	42,000	-	-
69. <i>Phacus myersi</i>	31,000	136,000	8,000	8,000	33,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
70. <i>Phacus platalea</i>	31,000	105,000	-	-	-
71. <i>Phacus</i> sp.	-	115,000	8,000	-	-
72. <i>Phacus stokesii</i>	437,000	52,000	-	-	-
73. <i>Phacus tortus</i>	70,000	157,000	232,000	-	-
74. <i>Strombomonas girardiana</i>	-	-	-	16,000	-
75. <i>Trachelomonas crebea</i>	-	1,515,000	33,000	98,000	1,630,000
76. <i>Trachelomonas daugerdiana</i>	-	115,000	66,000	163,000	204,000
77. <i>Trachelomonas hispida</i>	-	1,986,000	50,000	1,304,000	326,000
78. <i>Trachelomonas lacustris</i>	70,000	1,881,000	83,000	16,000	24,000
79. <i>Trachelomonas mirabilis</i>	-	627,000	-	-	-
80. <i>Trachelomonas similis</i>	-	941,000	-	24,000	-
81. <i>Trachelomonas superba</i>	-	178,000	-	90,000	16,000
82. <i>Trachelomonas volzii</i>	-	627,000	-	-	-
83. <i>Trachelomonas zingeri</i>	-	2,111,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Thalassiosiraceae</b>					
84. <i>Cyclotella meneghiniana</i>	-	-	166,000	73,000	57,000
85. <i>Cyclotella stelligera</i>	62,000	73,000	-	-	-
86. <i>Stephanodiscus</i> sp.	8,000	-	-	-	-
<b>Family Aulacoseiraceae</b>					
87. <i>Aulacoseira granulata</i>	31,000	209,000	730,000	130,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
88. <i>Fragilaria capucina</i>	-	84,000	-	-	33,000
89. <i>Synedra acus</i>	-	-	-	-	359,000
90. <i>Synedra</i> sp.	-	21,000	-	-	-
91. <i>Synedra ulna</i>	1,014,000	125,000	33,000	33,000	2,445,000
<b>Family Rhaphoneidaceae</b>					
92. <i>Rhopalodia gibba</i>	-	-	-	8,000	-
<b>Family Tabellariaceae</b>					
93. <i>Tabellaria fenestrata</i>	-	-	-	-	18,000
<b>Family Licmophoriaceae</b>					
94. <i>Licmophora ehrenbergii</i>	8,000	-	-	-	-
<b>Suborder Bacillariineae</b>					
<b>Family Eunotiaceae</b>					
95. <i>Eunotia lineolata</i>	-	-	-	-	24,000
96. <i>Eunotia pectinalis</i>	62,000	42,000	42,000	8,000	8,000
<b>Family Cymbellaceae</b>					
97. <i>Cymbella</i> sp.	-	-	-	41,000	-
98. <i>Gomphonema parvulum</i>	936,000	52,000	33,000	-	98,000
<b>Family Naviculaceae</b>					
99. <i>Amphora</i> sp.	8,000	84,000	-	-	16,000
100. <i>Frustulia vulgaris</i>	23,000	21,000	-	8,000	-
101. <i>Gyrosigma attenuatum</i>	320,000	-	133,000	734,000	33,000
102. <i>Gyrosigma</i> sp.	62,000	-	100,000	676,000	-
103. <i>Navicula cuspidata</i>	125,000	199,000	-	114,000	-
104. <i>Navicula lanceolata</i>	55,000	21,000	25,000	24,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
105. <i>Pinnularia gibba</i>	39,000	42,000	-	-	-
106. <i>Pinnularia viridis</i>	-	167,000	33,000	-	65,000
<b>Family Bacillariaceae</b>					
107. <i>Bacillaria paxillifer</i>	-	31,000	-	-	-
108. <i>Nitzschia linearis</i>	-	314,000	75,000	-	-
109. <i>Nitzschia</i> sp.	-	-	-	82,000	-
<b>Family Surirellaceae</b>					
110. <i>Surirella elegans</i>	31,000	-	-	41,000	-
111. <i>Surirella linearis</i>	8,000	-	8,000	-	-
112. <i>Surirella ovata</i>	-	84,000	-	-	-
113. <i>Surirella robusta</i>	16,000	-	-	-	-
114. <i>Surirella tenera</i>	23,000	-	-	-	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
115. <i>Dinobryon sertularia</i>	-	-	45,982,000	758,000	-
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
116. <i>Mallomonas caudata</i>	-	-	697,000	-	204,000
117. <i>Mallomonas elliptica</i>	23,000	-	66,000	73,000	73,000
118. <i>Mallomonas litomesa</i>	-	-	7,636,000	400,000	4,727,000
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
119. <i>Ceratium hirundinella</i>	-	84,000	75,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
120. <i>Peridinium bipes</i>	-	742,000	-	-	-
121. <i>Peridinium cunningtonii</i>	-	-	100,000	465,000	375,000
122. <i>Peridinium gatunense</i>	-	1,568,000	208,000	815,000	106,000
123. <i>Peridinium</i> sp.	-	2,090,000	365,000	196,000	4,694,000
<b>ชนิดแพลงก์ตอนพืช</b>	<b>50</b>	<b>70</b>	<b>62</b>	<b>61</b>	<b>53</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	<b>12,021,000</b>	<b>48,816,000</b>	<b>60,133,000</b>	<b>11,850,000</b>	<b>19,948,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	<b>2.6117</b>	<b>2.6492</b>	<b>1.0931</b>	<b>3.2080</b>	<b>2.2839</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	<b>0.6676</b>	<b>0.6236</b>	<b>0.2649</b>	<b>0.7804</b>	<b>0.5752</b>

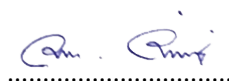
- Sample Location :**
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
  2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขวาค่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa , Amphur Sirmahaphot , Prachinburi , Thailand , 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella vulgaris</i>	16,000	63,000	17,000	-	16,000
<b>Family Difflugiidae</b>					
2. <i>Centropyxis aculeata</i>	-	-	-	8,000	-
3. <i>Difflugia lobostoma</i>	-	-	25,000	-	8,000
<b>Family Euglyphidae</b>					
4. <i>Euglypha rotunda</i>	-	-	-	-	8,000
5. <i>Euglypha</i> sp.	-	-	8,000	16,000	-



ตาราง ผลการวิเคราะห์แฟลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)  
(ต่อ)

ชนิดแฟลงก์ตอนสัตว์	ปริมาณแฟลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
Subphylum Ciliophora					
Class Ciliata					
Subclass Holotricha					
Order Gymnostomatida					
6. <i>Coleps</i> sp.	16,000	157,000	25,000	-	57,000
7. <i>Didinium</i> sp.	8,000	-	-	-	-
Subclass Peritricha					
Order Peritrichida					
8. <i>Vorticella</i> sp.	-	-	-	-	8,000
Phylum Rotifera					
Class Monogononta					
Order Ploima					
Family Brachionidae					
9. <i>Anuraeopsis fissa</i>	-	125,000	-	-	-
10. <i>Brachionus angularis</i>	-	31,000	-	-	-
11. <i>Brachionus</i> sp.	8,000	-	-	-	-
12. <i>Keratella cochlearis</i>	-	-	133,000	220,000	8,000
13. <i>Keratella vulga</i>	-	-	25,000	-	-
14. <i>Dipleuchlanis propatula</i>	8,000	-	-	-	-
15. <i>Lepadella acuminata</i>	-	-	8,000	8,000	8,000
16. <i>Squatinella rostrum</i>	8,000	-	-	-	-
Family Lecanidae					
17. <i>Lecane closterocerca</i>	-	-	-	8,000	-
18. <i>Lecane decipiens</i>	-	-	-	-	8,000
19. <i>Lecane inermis</i>	-	10,000	-	-	-
Family Notommatidae					
20. <i>Cephalodella forficula</i>	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
21. <i>Cephalodella gibba</i> <b>Family Tricercidae</b>	47,000	-	-	-	16,000
22. <i>Trichocerca capucina</i>	8,000	-	-	-	-
23. <i>Trichocerca weberi</i> <b>Family Gastropodidae</b>	-	-	8,000	16,000	-
24. <i>Ascomorpha ovalis</i> <b>Family Asplanchnidae</b>	-	-	-	-	49,000
25. <i>Asplanchna</i> sp. <b>Family Synchaetidae</b>	8,000	-	33,000	-	-
26. <i>Polyarthra dolichoptera</i>	-	293,000	-	98,000	424,000
27. <i>Polyarthra vulgaris</i> <b>Class Digononta</b>	-	188,000	-	82,000	293,000
<b>Family Philodinidae</b>					
28. <i>Philodina</i> sp.	-	-	-	8,000	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
29. Water flea nauplius	-	63,000	33,000	90,000	41,000
<b>Subclass Copepoda</b>					
30. Copepod nauplius	8,000	21,000	25,000	-	8,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	8,000	-	8,000	-	-

ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
ชนิดเพลงก่ตอนสัตว์	11	9	12	10	15
ปริมาณเพลงก่ตอนสัตว์	143,000	951,000	348,000	554,000	960,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	2.1463	1.8506	2.0655	1.7007	1.6330
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	0.8951	0.8422	0.8312	0.7386	0.6030

**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวด่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus pectoralis</i> (ปลาสลิค)	1	1	-	-	-	10.00-13.20	42.00
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	4	-	-	2	6.20-9.30	60.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	1	1	-	1	4.50-12.20	57.00
<b>Order Cichliformes</b>							
<b>Family Cichlidae</b>							
<i>Oreochromis niloticus</i> (ปลานิล)	-	1	-	-	-	32.10	546.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	2	1	-	6.30-8.50	26.00
<i>Osteochilus vittatus</i> (ปลาสร้อยนกเขา)	-	1	-	2	4	7.60-13.00	109.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	1	-	1	1	2	5.60-7.50	23.00
<i>Rasbora borapetensis</i> (ปลาซิวหางแดง)	-	-	1	-	-	4.30	0.40
<i>Rasbora myersi</i> (ปลาซิวควาย)	-	2	4	3	3	9.00-13.40	195.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลาค)	-	2	-	-	2	11.20-14.20	64.00

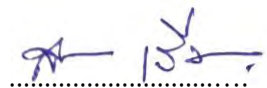
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาเป็นแก้ว)	-	-	1	1	-	4.40-4.50	3.20
<b>Order Siluriformes</b>							
<b>Family Bagridae</b>							
<i>Hemibagrus filamentus</i> (ปลากดเหลือง)	1	-	-	-	-	10.20	8.00
<i>Mystus mysticetus</i> (ปลาแขยงข้างลาย)	1	-	3	-	2	8.80-16.00	106.00
<b>Family Sikuridae</b>							
<i>Ompok siluroides</i> (ปลาชะโอน)	1	-	-	-	-	10.10	7.00
<b>ชนิดสัตว์น้ำ</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>4.30-32.10</b>	<b>1,246.60</b>
<b>ปริมาณสัตว์น้ำ</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>16</b>		
<b>ดัชนีความหลากหลายสัตว์น้ำ</b>	<b>1.9062</b>	<b>1.9251</b>	<b>1.7782</b>	<b>1.4942</b>	<b>1.8735</b>		


**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia convoluta</i>	109,000	115,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	1,777,000	-	-	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria anguina</i>	8,000	-	-	-	-
4. <i>Oscillatoria brevis</i>	-	-	149,000	-	16,000
5. <i>Oscillatoria princeps</i>	-	-	-	8,000	-
6. <i>Oscillatoria</i> sp.	31,000	1,254,000	116,000	489,000	49,000
7. <i>Oscillatoria tenuis</i>	16,000	-	-	139,000	49,000
8. <i>Spirulina</i> sp.	-	-	8,000	33,000	-



ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Family Nostocaceae</b>					
9. <i>Anabaena azollae</i>	-	951,000	17,000	-	-
10. <i>Raphidiopsis</i> sp.	-	512,000	17,000	-	-
<b>Family Rivulariaceae</b>					
11. <i>Calothrix</i> sp.	39,000	-	-	-	-
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
12. <i>Eudorina elegans</i>	-	-	-	-	8,000
13. <i>Gonium pectorale</i>	-	-	58,000	-	-
14. <i>Gonium sociale</i>	-	-	17,000	82,000	-
<b>Order Chlorococcales</b>					
<b>Family Chlorococcaceae</b>					
15. <i>Golenkinia radiata</i>	-	-	25,000	-	12,000
<b>Family Hydrodictyaceae</b>					
16. <i>Pediastrum duplex</i>	16,000	-	100,000	33,000	-
17. <i>Pediastrum simplex</i>	-	31,000	8,000	8,000	-
<b>Family Coelastraceae</b>					
18. <i>Coelastrum microporum</i>	-	63,000	66,000	147,000	8,000
19. <i>Coelastrum sphaericum</i>	-	42,000	199,000	-	-
<b>Family Botryococcaceae</b>					
20. <i>Botryococcus braunii</i>	70,000	836,000	208,000	82,000	-
<b>Family Oocystaceae</b>					
21. <i>Ankistrodesmus falcatus</i>	55,000	-	-	-	-
22. <i>Ankistrodesmus</i> sp.	-	52,000	-	-	-
23. <i>Ankistrodesmus spiralis</i>	-	-	-	16,000	41,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
24. <i>Dictyosphaerium pulchellum</i>	-	136,000	50,000	261,000	-
25. <i>Kirchneriella lunaris</i>	-	21,000	91,000	49,000	33,000
26. <i>Kirchneriella subsolitaria</i>	-	31,000	141,000	-	-
27. <i>Oocystis elliptica</i>	-	21,000	75,000	90,000	8,000
28. <i>Planktosphaeria gelatinosa</i>	-	-	125,000	24,000	16,000
29. <i>Tetraedron gracile</i>	-	63,000	8,000	-	33,000
30. <i>Tetraedron</i> sp.	-	-	232,000	-	-
31. <i>Tetraedron trigonum</i>	-	-	224,000	8,000	8,000
32. <i>Tetraedron victoriae</i>	-	-	141,000	8,000	-
<b>Family Scenedesmaceae</b>					
33. <i>Actinastrum</i> sp.	-	21,000	108,000	33,000	-
34. <i>Crucigenia apiculata</i>	-	-	50,000	-	-
35. <i>Micractinium lux</i>	-	-	-	-	8,000
36. <i>Scenedesmus opoliensis</i>	-	31,000	-	-	-
37. <i>Scenedesmus</i> sp.	-	-	-	-	41,000
<b>Order Ulotrichales</b>					
<b>Family Ulotrichaceae</b>					
38. <i>Geminella</i> sp.	16,000	-	-	24,000	-
39. <i>Ulothrix zonata</i>	16,000	-	-	-	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
40. <i>Spirogyra</i> sp.	218,000	52,000	66,000	1,630,000	228,000
41. <i>Spirogyra weberi</i>	702,000	-	-	782,000	33,000
<b>Family Desmidiaceae</b>					
42. <i>Closterium acerosum</i>	8,000	219,000	-	-	8,000
43. <i>Closterium gracile</i>	-	-	-	-	41,000
44. <i>Closterium kuetzingii</i>	-	10,000	58,000	8,000	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
45. <i>Closterium porrectum</i>	-	-	-	-	41,000
46. <i>Closterium</i> sp.	94,000	523,000	-	-	-
47. <i>Cosmarium nudum</i>	-	-	-	-	41,000
48. <i>Cosmarium</i> sp.	55,000	146,000	8,000	16,000	-
49. <i>Euastrum sinuosum</i>	-	31,000	-	-	24,000
50. <i>Micrasterias pinnatifida</i>	-	-	-	-	57,000
51. <i>Pleurotaenium</i> sp.	16,000	10,000	-	-	-
52. <i>Pleurotaenium trabecula</i>	117,000	-	-	-	49,000
53. <i>Staurastrum gracile</i>	-	20,587,000	299,000	147,000	24,000
54. <i>Staurastrum limneticum</i>	-	94,000	-	-	-
55. <i>Staurastrum muticum</i>	-	1,777,000	-	24,000	-
56. <i>Staurastrum</i> sp.	23,000	1,463,000	149,000	130,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
57. <i>Euglena acus</i>	125,000	345,000	17,000	122,000	163,000
58. <i>Euglena oxyuris</i>	374,000	115,000	25,000	171,000	24,000
59. <i>Euglena</i> sp.	-	52,000	108,000	41,000	-
60. <i>Euglena splendens</i>	593,000	-	-	57,000	-
61. <i>Euglena viridis</i>	445,000	94,000	-	-	90,000
62. <i>Lepocinclis acicularis</i>	624,000	-	-	-	-
63. <i>Lepocinclis ovum</i>	4,290,000	502,000	125,000	652,000	3,097,000
64. <i>Lepocinclis steinii</i>	47,000	-	-	16,000	-
65. <i>Phacus angulatus</i>	-	-	-	16,000	122,000
66. <i>Phacus hamatus</i>	421,000	125,000	8,000	73,000	-
67. <i>Phacus helikoides</i>	-	94,000	8,000	-	-
68. <i>Phacus longicauda</i>	-	21,000	42,000	-	-
69. <i>Phacus myersi</i>	31,000	136,000	8,000	8,000	33,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
70. <i>Phacus platalea</i>	31,000	105,000	-	-	-
71. <i>Phacus</i> sp.	-	115,000	8,000	-	-
72. <i>Phacus stokesii</i>	437,000	52,000	-	-	-
73. <i>Phacus tortus</i>	70,000	157,000	232,000	-	-
74. <i>Strombomonas girardiana</i>	-	-	-	16,000	-
75. <i>Trachelomonas crebea</i>	-	1,515,000	33,000	98,000	1,630,000
76. <i>Trachelomonas daugerdiana</i>	-	115,000	66,000	163,000	204,000
77. <i>Trachelomonas hispida</i>	-	1,986,000	50,000	1,304,000	326,000
78. <i>Trachelomonas lacustris</i>	70,000	1,881,000	83,000	16,000	24,000
79. <i>Trachelomonas mirabilis</i>	-	627,000	-	-	-
80. <i>Trachelomonas similis</i>	-	941,000	-	24,000	-
81. <i>Trachelomonas superba</i>	-	178,000	-	90,000	16,000
82. <i>Trachelomonas volzii</i>	-	627,000	-	-	-
83. <i>Trachelomonas zingeri</i>	-	2,111,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Thalassiosiraceae</b>					
84. <i>Cyclotella meneghiniana</i>	-	-	166,000	73,000	57,000
85. <i>Cyclotella stelligera</i>	62,000	73,000	-	-	-
86. <i>Stephanodiscus</i> sp.	8,000	-	-	-	-
<b>Family Aulacoseiraceae</b>					
87. <i>Aulacoseira granulata</i>	31,000	209,000	730,000	130,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
88. <i>Fragilaria capucina</i>	-	84,000	-	-	33,000
89. <i>Synedra acus</i>	-	-	-	-	359,000
90. <i>Synedra</i> sp.	-	21,000	-	-	-
91. <i>Synedra ulna</i>	1,014,000	125,000	33,000	33,000	2,445,000
<b>Family Rhaphoneidaceae</b>					
92. <i>Rhopalodia gibba</i>	-	-	-	8,000	-
<b>Family Tabellariaceae</b>					
93. <i>Tabellaria fenestrata</i>	-	-	-	-	18,000
<b>Family Licmophoriaceae</b>					
94. <i>Licmophora ehrenbergii</i>	8,000	-	-	-	-
<b>Suborder Bacillariineae</b>					
<b>Family Eunotiaceae</b>					
95. <i>Eunotia lineolata</i>	-	-	-	-	24,000
96. <i>Eunotia pectinalis</i>	62,000	42,000	42,000	8,000	8,000
<b>Family Cymbellaceae</b>					
97. <i>Cymbella</i> sp.	-	-	-	41,000	-
98. <i>Gomphonema parvulum</i>	936,000	52,000	33,000	-	98,000
<b>Family Naviculaceae</b>					
99. <i>Amphora</i> sp.	8,000	84,000	-	-	16,000
100. <i>Frustulia vulgaris</i>	23,000	21,000	-	8,000	-
101. <i>Gyrosigma attenuatum</i>	320,000	-	133,000	734,000	33,000
102. <i>Gyrosigma</i> sp.	62,000	-	100,000	676,000	-
103. <i>Navicula cuspidata</i>	125,000	199,000	-	114,000	-
104. <i>Navicula lanceolata</i>	55,000	21,000	25,000	24,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
105. <i>Pinnularia gibba</i>	39,000	42,000	-	-	-
106. <i>Pinnularia viridis</i>	-	167,000	33,000	-	65,000
<b>Family Bacillariaceae</b>					
107. <i>Bacillaria paxillifer</i>	-	31,000	-	-	-
108. <i>Nitzschia linearis</i>	-	314,000	75,000	-	-
109. <i>Nitzschia</i> sp.	-	-	-	82,000	-
<b>Family Surirellaceae</b>					
110. <i>Surirella elegans</i>	31,000	-	-	41,000	-
111. <i>Surirella linearis</i>	8,000	-	8,000	-	-
112. <i>Surirella ovata</i>	-	84,000	-	-	-
113. <i>Surirella robusta</i>	16,000	-	-	-	-
114. <i>Surirella tenera</i>	23,000	-	-	-	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
115. <i>Dinobryon sertularia</i>	-	-	45,982,000	758,000	-
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
116. <i>Mallomonas caudata</i>	-	-	697,000	-	204,000
117. <i>Mallomonas elliptica</i>	23,000	-	66,000	73,000	73,000
118. <i>Mallomonas litomesa</i>	-	-	7,636,000	400,000	4,727,000
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
119. <i>Ceratium hirundinella</i>	-	84,000	75,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
120. <i>Peridinium bipes</i>	-	742,000	-	-	-
121. <i>Peridinium cunningtonii</i>	-	-	100,000	465,000	375,000
122. <i>Peridinium gatunense</i>	-	1,568,000	208,000	815,000	106,000
123. <i>Peridinium</i> sp.	-	2,090,000	365,000	196,000	4,694,000
<b>ชนิดแพลงก์ตอนพืช</b>	<b>50</b>	<b>70</b>	<b>62</b>	<b>61</b>	<b>53</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	<b>12,021,000</b>	<b>48,816,000</b>	<b>60,133,000</b>	<b>11,850,000</b>	<b>19,948,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	<b>2.6117</b>	<b>2.6492</b>	<b>1.0931</b>	<b>3.2080</b>	<b>2.2839</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	<b>0.6676</b>	<b>0.6236</b>	<b>0.2649</b>	<b>0.7804</b>	<b>0.5752</b>

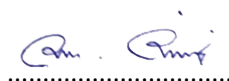
- Sample Location :**
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
  2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขวาค่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa , Amphur Sirmahaphot , Prachinburi , Thailand , 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella vulgaris</i>	16,000	63,000	17,000	-	16,000
<b>Family Difflugiidae</b>					
2. <i>Centropyxis aculeata</i>	-	-	-	8,000	-
3. <i>Difflugia lobostoma</i>	-	-	25,000	-	8,000
<b>Family Euglyphidae</b>					
4. <i>Euglypha rotunda</i>	-	-	-	-	8,000
5. <i>Euglypha</i> sp.	-	-	8,000	16,000	-



ตาราง ผลการวิเคราะห์แฟลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนสัตว์	ปริมาณแฟลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Subphylum Ciliophora</b>					
<b>Class Ciliata</b>					
<b>Subclass Holotricha</b>					
<b>Order Gymnostomatida</b>					
6. <i>Coleps</i> sp.	16,000	157,000	25,000	-	57,000
7. <i>Didinium</i> sp.	8,000	-	-	-	-
<b>Subclass Peritricha</b>					
<b>Order Peritrichida</b>					
8. <i>Vorticella</i> sp.	-	-	-	-	8,000
<b>Phylum Rotifera</b>					
<b>Class Monogononta</b>					
<b>Order Ploima</b>					
<b>Family Brachionidae</b>					
9. <i>Anuraeopsis fissa</i>	-	125,000	-	-	-
10. <i>Brachionus angularis</i>	-	31,000	-	-	-
11. <i>Brachionus</i> sp.	8,000	-	-	-	-
12. <i>Keratella cochlearis</i>	-	-	133,000	220,000	8,000
13. <i>Keratella vulga</i>	-	-	25,000	-	-
14. <i>Dipleuchlanis propatula</i>	8,000	-	-	-	-
15. <i>Lepadella acuminata</i>	-	-	8,000	8,000	8,000
16. <i>Squatinella rostrum</i>	8,000	-	-	-	-
<b>Family Lecanidae</b>					
17. <i>Lecane closterocerca</i>	-	-	-	8,000	-
18. <i>Lecane decipiens</i>	-	-	-	-	8,000
19. <i>Lecane inermis</i>	-	10,000	-	-	-
<b>Family Notommatidae</b>					
20. <i>Cephalodella forficula</i>	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
21. <i>Cephalodella gibba</i> <b>Family Tricercidae</b>	47,000	-	-	-	16,000
22. <i>Trichocerca capucina</i>	8,000	-	-	-	-
23. <i>Trichocerca weberi</i> <b>Family Gastropodidae</b>	-	-	8,000	16,000	-
24. <i>Ascomorpha ovalis</i> <b>Family Asplanchnidae</b>	-	-	-	-	49,000
25. <i>Asplanchna</i> sp. <b>Family Synchaetidae</b>	8,000	-	33,000	-	-
26. <i>Polyarthra dolichoptera</i>	-	293,000	-	98,000	424,000
27. <i>Polyarthra vulgaris</i> <b>Class Digononta</b>	-	188,000	-	82,000	293,000
<b>Family Philodinidae</b>					
28. <i>Philodina</i> sp.	-	-	-	8,000	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
29. Water flea nauplius	-	63,000	33,000	90,000	41,000
<b>Subclass Copepoda</b>					
30. Copepod nauplius	8,000	21,000	25,000	-	8,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	8,000	-	8,000	-	-

ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
ชนิดเพลงก่ตอนสัตว์	11	9	12	10	15
ปริมาณเพลงก่ตอนสัตว์	143,000	951,000	348,000	554,000	960,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	2.1463	1.8506	2.0655	1.7007	1.6330
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	0.8951	0.8422	0.8312	0.7386	0.6030

**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวด่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus pectoralis</i> (ปลาสลิค)	1	1	-	-	-	10.00-13.20	42.00
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	4	-	-	2	6.20-9.30	60.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	1	1	-	1	4.50-12.20	57.00
<b>Order Cichliformes</b>							
<b>Family Cichlidae</b>							
<i>Oreochromis niloticus</i> (ปลานิล)	-	1	-	-	-	32.10	546.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	2	1	-	6.30-8.50	26.00
<i>Osteochilus vittatus</i> (ปลาสร้อยนกเขา)	-	1	-	2	4	7.60-13.00	109.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	1	-	1	1	2	5.60-7.50	23.00
<i>Rasbora borapetensis</i> (ปลาซิวหางแดง)	-	-	1	-	-	4.30	0.40
<i>Rasbora myersi</i> (ปลาซิวควาย)	-	2	4	3	3	9.00-13.40	195.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลาค)	-	2	-	-	2	11.20-14.20	64.00

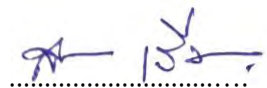
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาเป็นแก้ว)	-	-	1	1	-	4.40-4.50	3.20
<b>Order Siluriformes</b>							
<b>Family Bagridae</b>							
<i>Hemibagrus filamentus</i> (ปลากดเหลือง)	1	-	-	-	-	10.20	8.00
<i>Mystus mysticetus</i> (ปลาแขยงข้างลาย)	1	-	3	-	2	8.80-16.00	106.00
<b>Family Sikuridae</b>							
<i>Ompok siluroides</i> (ปลาชะโอน)	1	-	-	-	-	10.10	7.00
<b>ชนิดสัตว์น้ำ</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>4.30-32.10</b>	<b>1,246.60</b>
<b>ปริมาณสัตว์น้ำ</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>16</b>		
<b>ดัชนีความหลากหลายสัตว์น้ำ</b>	<b>1.9062</b>	<b>1.9251</b>	<b>1.7782</b>	<b>1.4942</b>	<b>1.8735</b>		


**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia convoluta</i>	109,000	115,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	1,777,000	-	-	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria anguina</i>	8,000	-	-	-	-
4. <i>Oscillatoria brevis</i>	-	-	149,000	-	16,000
5. <i>Oscillatoria princeps</i>	-	-	-	8,000	-
6. <i>Oscillatoria</i> sp.	31,000	1,254,000	116,000	489,000	49,000
7. <i>Oscillatoria tenuis</i>	16,000	-	-	139,000	49,000
8. <i>Spirulina</i> sp.	-	-	8,000	33,000	-



ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Family Nostocaceae</b>					
9. <i>Anabaena azollae</i>	-	951,000	17,000	-	-
10. <i>Raphidiopsis</i> sp.	-	512,000	17,000	-	-
<b>Family Rivulariaceae</b>					
11. <i>Calothrix</i> sp.	39,000	-	-	-	-
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
12. <i>Eudorina elegans</i>	-	-	-	-	8,000
13. <i>Gonium pectorale</i>	-	-	58,000	-	-
14. <i>Gonium sociale</i>	-	-	17,000	82,000	-
<b>Order Chlorococcales</b>					
<b>Family Chlorococcaceae</b>					
15. <i>Golenkinia radiata</i>	-	-	25,000	-	12,000
<b>Family Hydrodictyaceae</b>					
16. <i>Pediastrum duplex</i>	16,000	-	100,000	33,000	-
17. <i>Pediastrum simplex</i>	-	31,000	8,000	8,000	-
<b>Family Coelastraceae</b>					
18. <i>Coelastrum microporum</i>	-	63,000	66,000	147,000	8,000
19. <i>Coelastrum sphaericum</i>	-	42,000	199,000	-	-
<b>Family Botryococcaceae</b>					
20. <i>Botryococcus braunii</i>	70,000	836,000	208,000	82,000	-
<b>Family Oocystaceae</b>					
21. <i>Ankistrodesmus falcatus</i>	55,000	-	-	-	-
22. <i>Ankistrodesmus</i> sp.	-	52,000	-	-	-
23. <i>Ankistrodesmus spiralis</i>	-	-	-	16,000	41,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
24. <i>Dictyosphaerium pulchellum</i>	-	136,000	50,000	261,000	-
25. <i>Kirchneriella lunaris</i>	-	21,000	91,000	49,000	33,000
26. <i>Kirchneriella subsolitaria</i>	-	31,000	141,000	-	-
27. <i>Oocystis elliptica</i>	-	21,000	75,000	90,000	8,000
28. <i>Planktosphaeria gelatinosa</i>	-	-	125,000	24,000	16,000
29. <i>Tetraedron gracile</i>	-	63,000	8,000	-	33,000
30. <i>Tetraedron</i> sp.	-	-	232,000	-	-
31. <i>Tetraedron trigonum</i>	-	-	224,000	8,000	8,000
32. <i>Tetraedron victoriae</i>	-	-	141,000	8,000	-
<b>Family Scenedesmaceae</b>					
33. <i>Actinastrum</i> sp.	-	21,000	108,000	33,000	-
34. <i>Crucigenia apiculata</i>	-	-	50,000	-	-
35. <i>Micractinium lux</i>	-	-	-	-	8,000
36. <i>Scenedesmus opoliensis</i>	-	31,000	-	-	-
37. <i>Scenedesmus</i> sp.	-	-	-	-	41,000
<b>Order Ulotrichales</b>					
<b>Family Ulotrichaceae</b>					
38. <i>Geminella</i> sp.	16,000	-	-	24,000	-
39. <i>Ulothrix zonata</i>	16,000	-	-	-	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
40. <i>Spirogyra</i> sp.	218,000	52,000	66,000	1,630,000	228,000
41. <i>Spirogyra weberi</i>	702,000	-	-	782,000	33,000
<b>Family Desmidiaceae</b>					
42. <i>Closterium acerosum</i>	8,000	219,000	-	-	8,000
43. <i>Closterium gracile</i>	-	-	-	-	41,000
44. <i>Closterium kuetzingii</i>	-	10,000	58,000	8,000	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
45. <i>Closterium porrectum</i>	-	-	-	-	41,000
46. <i>Closterium</i> sp.	94,000	523,000	-	-	-
47. <i>Cosmarium nudum</i>	-	-	-	-	41,000
48. <i>Cosmarium</i> sp.	55,000	146,000	8,000	16,000	-
49. <i>Euastrum sinuosum</i>	-	31,000	-	-	24,000
50. <i>Micrasterias pinnatifida</i>	-	-	-	-	57,000
51. <i>Pleurotaenium</i> sp.	16,000	10,000	-	-	-
52. <i>Pleurotaenium trabecula</i>	117,000	-	-	-	49,000
53. <i>Staurastrum gracile</i>	-	20,587,000	299,000	147,000	24,000
54. <i>Staurastrum limneticum</i>	-	94,000	-	-	-
55. <i>Staurastrum muticum</i>	-	1,777,000	-	24,000	-
56. <i>Staurastrum</i> sp.	23,000	1,463,000	149,000	130,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
57. <i>Euglena acus</i>	125,000	345,000	17,000	122,000	163,000
58. <i>Euglena oxyuris</i>	374,000	115,000	25,000	171,000	24,000
59. <i>Euglena</i> sp.	-	52,000	108,000	41,000	-
60. <i>Euglena splendens</i>	593,000	-	-	57,000	-
61. <i>Euglena viridis</i>	445,000	94,000	-	-	90,000
62. <i>Lepocinclis acicularis</i>	624,000	-	-	-	-
63. <i>Lepocinclis ovum</i>	4,290,000	502,000	125,000	652,000	3,097,000
64. <i>Lepocinclis steinii</i>	47,000	-	-	16,000	-
65. <i>Phacus angulatus</i>	-	-	-	16,000	122,000
66. <i>Phacus hamatus</i>	421,000	125,000	8,000	73,000	-
67. <i>Phacus helikoides</i>	-	94,000	8,000	-	-
68. <i>Phacus longicauda</i>	-	21,000	42,000	-	-
69. <i>Phacus myersi</i>	31,000	136,000	8,000	8,000	33,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
70. <i>Phacus platalea</i>	31,000	105,000	-	-	-
71. <i>Phacus</i> sp.	-	115,000	8,000	-	-
72. <i>Phacus stokesii</i>	437,000	52,000	-	-	-
73. <i>Phacus tortus</i>	70,000	157,000	232,000	-	-
74. <i>Strombomonas girardiana</i>	-	-	-	16,000	-
75. <i>Trachelomonas crebea</i>	-	1,515,000	33,000	98,000	1,630,000
76. <i>Trachelomonas daugerdiana</i>	-	115,000	66,000	163,000	204,000
77. <i>Trachelomonas hispida</i>	-	1,986,000	50,000	1,304,000	326,000
78. <i>Trachelomonas lacustris</i>	70,000	1,881,000	83,000	16,000	24,000
79. <i>Trachelomonas mirabilis</i>	-	627,000	-	-	-
80. <i>Trachelomonas similis</i>	-	941,000	-	24,000	-
81. <i>Trachelomonas superba</i>	-	178,000	-	90,000	16,000
82. <i>Trachelomonas volzii</i>	-	627,000	-	-	-
83. <i>Trachelomonas zingeri</i>	-	2,111,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Thalassiosiraceae</b>					
84. <i>Cyclotella meneghiniana</i>	-	-	166,000	73,000	57,000
85. <i>Cyclotella stelligera</i>	62,000	73,000	-	-	-
86. <i>Stephanodiscus</i> sp.	8,000	-	-	-	-
<b>Family Aulacoseiraceae</b>					
87. <i>Aulacoseira granulata</i>	31,000	209,000	730,000	130,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
88. <i>Fragilaria capucina</i>	-	84,000	-	-	33,000
89. <i>Synedra acus</i>	-	-	-	-	359,000
90. <i>Synedra</i> sp.	-	21,000	-	-	-
91. <i>Synedra ulna</i>	1,014,000	125,000	33,000	33,000	2,445,000
<b>Family Rhaphoneidaceae</b>					
92. <i>Rhopalodia gibba</i>	-	-	-	8,000	-
<b>Family Tabellariaceae</b>					
93. <i>Tabellaria fenestrata</i>	-	-	-	-	18,000
<b>Family Licmophoriaceae</b>					
94. <i>Licmophora ehrenbergii</i>	8,000	-	-	-	-
<b>Suborder Bacillariineae</b>					
<b>Family Eunotiaceae</b>					
95. <i>Eunotia lineolata</i>	-	-	-	-	24,000
96. <i>Eunotia pectinalis</i>	62,000	42,000	42,000	8,000	8,000
<b>Family Cymbellaceae</b>					
97. <i>Cymbella</i> sp.	-	-	-	41,000	-
98. <i>Gomphonema parvulum</i>	936,000	52,000	33,000	-	98,000
<b>Family Naviculaceae</b>					
99. <i>Amphora</i> sp.	8,000	84,000	-	-	16,000
100. <i>Frustulia vulgaris</i>	23,000	21,000	-	8,000	-
101. <i>Gyrosigma attenuatum</i>	320,000	-	133,000	734,000	33,000
102. <i>Gyrosigma</i> sp.	62,000	-	100,000	676,000	-
103. <i>Navicula cuspidata</i>	125,000	199,000	-	114,000	-
104. <i>Navicula lanceolata</i>	55,000	21,000	25,000	24,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
105. <i>Pinnularia gibba</i>	39,000	42,000	-	-	-
106. <i>Pinnularia viridis</i>	-	167,000	33,000	-	65,000
<b>Family Bacillariaceae</b>					
107. <i>Bacillaria paxillifer</i>	-	31,000	-	-	-
108. <i>Nitzschia linearis</i>	-	314,000	75,000	-	-
109. <i>Nitzschia</i> sp.	-	-	-	82,000	-
<b>Family Surirellaceae</b>					
110. <i>Surirella elegans</i>	31,000	-	-	41,000	-
111. <i>Surirella linearis</i>	8,000	-	8,000	-	-
112. <i>Surirella ovata</i>	-	84,000	-	-	-
113. <i>Surirella robusta</i>	16,000	-	-	-	-
114. <i>Surirella tenera</i>	23,000	-	-	-	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
115. <i>Dinobryon sertularia</i>	-	-	45,982,000	758,000	-
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
116. <i>Mallomonas caudata</i>	-	-	697,000	-	204,000
117. <i>Mallomonas elliptica</i>	23,000	-	66,000	73,000	73,000
118. <i>Mallomonas litomesa</i>	-	-	7,636,000	400,000	4,727,000
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
119. <i>Ceratium hirundinella</i>	-	84,000	75,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
120. <i>Peridinium bipes</i>	-	742,000	-	-	-
121. <i>Peridinium cunningtonii</i>	-	-	100,000	465,000	375,000
122. <i>Peridinium gatunense</i>	-	1,568,000	208,000	815,000	106,000
123. <i>Peridinium</i> sp.	-	2,090,000	365,000	196,000	4,694,000
<b>ชนิดแพลงก์ตอนพืช</b>	<b>50</b>	<b>70</b>	<b>62</b>	<b>61</b>	<b>53</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	<b>12,021,000</b>	<b>48,816,000</b>	<b>60,133,000</b>	<b>11,850,000</b>	<b>19,948,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	<b>2.6117</b>	<b>2.6492</b>	<b>1.0931</b>	<b>3.2080</b>	<b>2.2839</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	<b>0.6676</b>	<b>0.6236</b>	<b>0.2649</b>	<b>0.7804</b>	<b>0.5752</b>

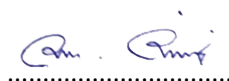
- Sample Location :**
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
  2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขวาค่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa , Amphur Sirmahaphot , Prachinburi , Thailand , 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella vulgaris</i>	16,000	63,000	17,000	-	16,000
<b>Family Difflugiidae</b>					
2. <i>Centropyxis aculeata</i>	-	-	-	8,000	-
3. <i>Difflugia lobostoma</i>	-	-	25,000	-	8,000
<b>Family Euglyphidae</b>					
4. <i>Euglypha rotunda</i>	-	-	-	-	8,000
5. <i>Euglypha</i> sp.	-	-	8,000	16,000	-



**ตาราง** ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Subphylum Ciliophora</b>					
<b>Class Ciliata</b>					
<b>Subclass Holotricha</b>					
<b>Order Gymnostomatida</b>					
6. <i>Coleps</i> sp.	16,000	157,000	25,000	-	57,000
7. <i>Didinium</i> sp.	8,000	-	-	-	-
<b>Subclass Peritricha</b>					
<b>Order Peritrichida</b>					
8. <i>Vorticella</i> sp.	-	-	-	-	8,000
<b>Phylum Rotifera</b>					
<b>Class Monogononta</b>					
<b>Order Ploima</b>					
<b>Family Brachionidae</b>					
9. <i>Anuraeopsis fissa</i>	-	125,000	-	-	-
10. <i>Brachionus angularis</i>	-	31,000	-	-	-
11. <i>Brachionus</i> sp.	8,000	-	-	-	-
12. <i>Keratella cochlearis</i>	-	-	133,000	220,000	8,000
13. <i>Keratella vulga</i>	-	-	25,000	-	-
14. <i>Dipleuchlanis propatula</i>	8,000	-	-	-	-
15. <i>Lepadella acuminata</i>	-	-	8,000	8,000	8,000
16. <i>Squatinella rostrum</i>	8,000	-	-	-	-
<b>Family Lecanidae</b>					
17. <i>Lecane closterocerca</i>	-	-	-	8,000	-
18. <i>Lecane decipiens</i>	-	-	-	-	8,000
19. <i>Lecane inermis</i>	-	10,000	-	-	-
<b>Family Notommatidae</b>					
20. <i>Cephalodella forficula</i>	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
21. <i>Cephalodella gibba</i> <b>Family Tricercidae</b>	47,000	-	-	-	16,000
22. <i>Trichocerca capucina</i>	8,000	-	-	-	-
23. <i>Trichocerca weberi</i> <b>Family Gastropodidae</b>	-	-	8,000	16,000	-
24. <i>Ascomorpha ovalis</i> <b>Family Asplanchnidae</b>	-	-	-	-	49,000
25. <i>Asplanchna</i> sp. <b>Family Synchaetidae</b>	8,000	-	33,000	-	-
26. <i>Polyarthra dolichoptera</i>	-	293,000	-	98,000	424,000
27. <i>Polyarthra vulgaris</i> <b>Class Digononta</b>	-	188,000	-	82,000	293,000
<b>Family Philodinidae</b>					
28. <i>Philodina</i> sp.	-	-	-	8,000	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
29. Water flea nauplius	-	63,000	33,000	90,000	41,000
<b>Subclass Copepoda</b>					
30. Copepod nauplius	8,000	21,000	25,000	-	8,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	8,000	-	8,000	-	-

ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
ชนิดเพลงก่ตอนสัตว์	11	9	12	10	15
ปริมาณเพลงก่ตอนสัตว์	143,000	951,000	348,000	554,000	960,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	2.1463	1.8506	2.0655	1.7007	1.6330
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	0.8951	0.8422	0.8312	0.7386	0.6030

**Sample Location :**

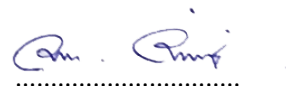
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวด่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus pectoralis</i> (ปลาสลิค)	1	1	-	-	-	10.00-13.20	42.00
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	4	-	-	2	6.20-9.30	60.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	1	1	-	1	4.50-12.20	57.00
<b>Order Cichliformes</b>							
<b>Family Cichlidae</b>							
<i>Oreochromis niloticus</i> (ปลานิล)	-	1	-	-	-	32.10	546.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	2	1	-	6.30-8.50	26.00
<i>Osteochilus vittatus</i> (ปลาสร้อยนกเขา)	-	1	-	2	4	7.60-13.00	109.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	1	-	1	1	2	5.60-7.50	23.00
<i>Rasbora borapetensis</i> (ปลาซิวหางแดง)	-	-	1	-	-	4.30	0.40
<i>Rasbora myersi</i> (ปลาซิวควาย)	-	2	4	3	3	9.00-13.40	195.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลาค)	-	2	-	-	2	11.20-14.20	64.00

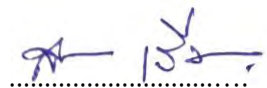
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาแป้นแก้ว)	-	-	1	1	-	4.40-4.50	3.20
<b>Order Siluriformes</b>							
<b>Family Bagridae</b>							
<i>Hemibagrus filamentus</i> (ปลากดเหลือง)	1	-	-	-	-	10.20	8.00
<i>Mystus mysticetus</i> (ปลาแขยงข้างลาย)	1	-	3	-	2	8.80-16.00	106.00
<b>Family Sikuridae</b>							
<i>Ompok siluroides</i> (ปลาชะโอน)	1	-	-	-	-	10.10	7.00
<b>ชนิดสัตว์น้ำ</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>4.30-32.10</b>	<b>1,246.60</b>
<b>ปริมาณสัตว์น้ำ</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>16</b>		
<b>ดัชนีความหลากหลายสัตว์น้ำ</b>	<b>1.9062</b>	<b>1.9251</b>	<b>1.7782</b>	<b>1.4942</b>	<b>1.8735</b>		


**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia convoluta</i>	109,000	115,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	1,777,000	-	-	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria anguina</i>	8,000	-	-	-	-
4. <i>Oscillatoria brevis</i>	-	-	149,000	-	16,000
5. <i>Oscillatoria princeps</i>	-	-	-	8,000	-
6. <i>Oscillatoria</i> sp.	31,000	1,254,000	116,000	489,000	49,000
7. <i>Oscillatoria tenuis</i>	16,000	-	-	139,000	49,000
8. <i>Spirulina</i> sp.	-	-	8,000	33,000	-



ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Family Nostocaceae</b>					
9. <i>Anabaena azollae</i>	-	951,000	17,000	-	-
10. <i>Raphidiopsis</i> sp.	-	512,000	17,000	-	-
<b>Family Rivulariaceae</b>					
11. <i>Calothrix</i> sp.	39,000	-	-	-	-
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
12. <i>Eudorina elegans</i>	-	-	-	-	8,000
13. <i>Gonium pectorale</i>	-	-	58,000	-	-
14. <i>Gonium sociale</i>	-	-	17,000	82,000	-
<b>Order Chlorococcales</b>					
<b>Family Chlorococcaceae</b>					
15. <i>Golenkinia radiata</i>	-	-	25,000	-	12,000
<b>Family Hydrodictyaceae</b>					
16. <i>Pediastrum duplex</i>	16,000	-	100,000	33,000	-
17. <i>Pediastrum simplex</i>	-	31,000	8,000	8,000	-
<b>Family Coelastraceae</b>					
18. <i>Coelastrum microporum</i>	-	63,000	66,000	147,000	8,000
19. <i>Coelastrum sphaericum</i>	-	42,000	199,000	-	-
<b>Family Botryococcaceae</b>					
20. <i>Botryococcus braunii</i>	70,000	836,000	208,000	82,000	-
<b>Family Oocystaceae</b>					
21. <i>Ankistrodesmus falcatus</i>	55,000	-	-	-	-
22. <i>Ankistrodesmus</i> sp.	-	52,000	-	-	-
23. <i>Ankistrodesmus spiralis</i>	-	-	-	16,000	41,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
24. <i>Dictyosphaerium pulchellum</i>	-	136,000	50,000	261,000	-
25. <i>Kirchneriella lunaris</i>	-	21,000	91,000	49,000	33,000
26. <i>Kirchneriella subsolitaria</i>	-	31,000	141,000	-	-
27. <i>Oocystis elliptica</i>	-	21,000	75,000	90,000	8,000
28. <i>Planktosphaeria gelatinosa</i>	-	-	125,000	24,000	16,000
29. <i>Tetraedron gracile</i>	-	63,000	8,000	-	33,000
30. <i>Tetraedron</i> sp.	-	-	232,000	-	-
31. <i>Tetraedron trigonum</i>	-	-	224,000	8,000	8,000
32. <i>Tetraedron victoriae</i>	-	-	141,000	8,000	-
<b>Family Scenedesmaceae</b>					
33. <i>Actinastrum</i> sp.	-	21,000	108,000	33,000	-
34. <i>Crucigenia apiculata</i>	-	-	50,000	-	-
35. <i>Micractinium lux</i>	-	-	-	-	8,000
36. <i>Scenedesmus opoliensis</i>	-	31,000	-	-	-
37. <i>Scenedesmus</i> sp.	-	-	-	-	41,000
<b>Order Ulotrichales</b>					
<b>Family Ulotrichaceae</b>					
38. <i>Geminella</i> sp.	16,000	-	-	24,000	-
39. <i>Ulothrix zonata</i>	16,000	-	-	-	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
40. <i>Spirogyra</i> sp.	218,000	52,000	66,000	1,630,000	228,000
41. <i>Spirogyra weberi</i>	702,000	-	-	782,000	33,000
<b>Family Desmidiaceae</b>					
42. <i>Closterium acerosum</i>	8,000	219,000	-	-	8,000
43. <i>Closterium gracile</i>	-	-	-	-	41,000
44. <i>Closterium kuetzingii</i>	-	10,000	58,000	8,000	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
45. <i>Closterium porrectum</i>	-	-	-	-	41,000
46. <i>Closterium</i> sp.	94,000	523,000	-	-	-
47. <i>Cosmarium nudum</i>	-	-	-	-	41,000
48. <i>Cosmarium</i> sp.	55,000	146,000	8,000	16,000	-
49. <i>Euastrum sinuosum</i>	-	31,000	-	-	24,000
50. <i>Micrasterias pinnatifida</i>	-	-	-	-	57,000
51. <i>Pleurotaenium</i> sp.	16,000	10,000	-	-	-
52. <i>Pleurotaenium trabecula</i>	117,000	-	-	-	49,000
53. <i>Staurastrum gracile</i>	-	20,587,000	299,000	147,000	24,000
54. <i>Staurastrum limneticum</i>	-	94,000	-	-	-
55. <i>Staurastrum muticum</i>	-	1,777,000	-	24,000	-
56. <i>Staurastrum</i> sp.	23,000	1,463,000	149,000	130,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
57. <i>Euglena acus</i>	125,000	345,000	17,000	122,000	163,000
58. <i>Euglena oxyuris</i>	374,000	115,000	25,000	171,000	24,000
59. <i>Euglena</i> sp.	-	52,000	108,000	41,000	-
60. <i>Euglena splendens</i>	593,000	-	-	57,000	-
61. <i>Euglena viridis</i>	445,000	94,000	-	-	90,000
62. <i>Lepocinclis acicularis</i>	624,000	-	-	-	-
63. <i>Lepocinclis ovum</i>	4,290,000	502,000	125,000	652,000	3,097,000
64. <i>Lepocinclis steinii</i>	47,000	-	-	16,000	-
65. <i>Phacus angulatus</i>	-	-	-	16,000	122,000
66. <i>Phacus hamatus</i>	421,000	125,000	8,000	73,000	-
67. <i>Phacus helikoides</i>	-	94,000	8,000	-	-
68. <i>Phacus longicauda</i>	-	21,000	42,000	-	-
69. <i>Phacus myersi</i>	31,000	136,000	8,000	8,000	33,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
70. <i>Phacus platalea</i>	31,000	105,000	-	-	-
71. <i>Phacus</i> sp.	-	115,000	8,000	-	-
72. <i>Phacus stokesii</i>	437,000	52,000	-	-	-
73. <i>Phacus tortus</i>	70,000	157,000	232,000	-	-
74. <i>Strombomonas girardiana</i>	-	-	-	16,000	-
75. <i>Trachelomonas crebea</i>	-	1,515,000	33,000	98,000	1,630,000
76. <i>Trachelomonas daugerdiana</i>	-	115,000	66,000	163,000	204,000
77. <i>Trachelomonas hispida</i>	-	1,986,000	50,000	1,304,000	326,000
78. <i>Trachelomonas lacustris</i>	70,000	1,881,000	83,000	16,000	24,000
79. <i>Trachelomonas mirabilis</i>	-	627,000	-	-	-
80. <i>Trachelomonas similis</i>	-	941,000	-	24,000	-
81. <i>Trachelomonas superba</i>	-	178,000	-	90,000	16,000
82. <i>Trachelomonas volzii</i>	-	627,000	-	-	-
83. <i>Trachelomonas zingeri</i>	-	2,111,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Thalassiosiraceae</b>					
84. <i>Cyclotella meneghiniana</i>	-	-	166,000	73,000	57,000
85. <i>Cyclotella stelligera</i>	62,000	73,000	-	-	-
86. <i>Stephanodiscus</i> sp.	8,000	-	-	-	-
<b>Family Aulacoseiraceae</b>					
87. <i>Aulacoseira granulata</i>	31,000	209,000	730,000	130,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
88. <i>Fragilaria capucina</i>	-	84,000	-	-	33,000
89. <i>Synedra acus</i>	-	-	-	-	359,000
90. <i>Synedra</i> sp.	-	21,000	-	-	-
91. <i>Synedra ulna</i>	1,014,000	125,000	33,000	33,000	2,445,000
<b>Family Rhaphoneidaceae</b>					
92. <i>Rhopalodia gibba</i>	-	-	-	8,000	-
<b>Family Tabellariaceae</b>					
93. <i>Tabellaria fenestrata</i>	-	-	-	-	18,000
<b>Family Licmophoriaceae</b>					
94. <i>Licmophora ehrenbergii</i>	8,000	-	-	-	-
<b>Suborder Bacillariineae</b>					
<b>Family Eunotiaceae</b>					
95. <i>Eunotia lineolata</i>	-	-	-	-	24,000
96. <i>Eunotia pectinalis</i>	62,000	42,000	42,000	8,000	8,000
<b>Family Cymbellaceae</b>					
97. <i>Cymbella</i> sp.	-	-	-	41,000	-
98. <i>Gomphonema parvulum</i>	936,000	52,000	33,000	-	98,000
<b>Family Naviculaceae</b>					
99. <i>Amphora</i> sp.	8,000	84,000	-	-	16,000
100. <i>Frustulia vulgaris</i>	23,000	21,000	-	8,000	-
101. <i>Gyrosigma attenuatum</i>	320,000	-	133,000	734,000	33,000
102. <i>Gyrosigma</i> sp.	62,000	-	100,000	676,000	-
103. <i>Navicula cuspidata</i>	125,000	199,000	-	114,000	-
104. <i>Navicula lanceolata</i>	55,000	21,000	25,000	24,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
105. <i>Pinnularia gibba</i>	39,000	42,000	-	-	-
106. <i>Pinnularia viridis</i>	-	167,000	33,000	-	65,000
<b>Family Bacillariaceae</b>					
107. <i>Bacillaria paxillifer</i>	-	31,000	-	-	-
108. <i>Nitzschia linearis</i>	-	314,000	75,000	-	-
109. <i>Nitzschia</i> sp.	-	-	-	82,000	-
<b>Family Surirellaceae</b>					
110. <i>Surirella elegans</i>	31,000	-	-	41,000	-
111. <i>Surirella linearis</i>	8,000	-	8,000	-	-
112. <i>Surirella ovata</i>	-	84,000	-	-	-
113. <i>Surirella robusta</i>	16,000	-	-	-	-
114. <i>Surirella tenera</i>	23,000	-	-	-	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
115. <i>Dinobryon sertularia</i>	-	-	45,982,000	758,000	-
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
116. <i>Mallomonas caudata</i>	-	-	697,000	-	204,000
117. <i>Mallomonas elliptica</i>	23,000	-	66,000	73,000	73,000
118. <i>Mallomonas litomesa</i>	-	-	7,636,000	400,000	4,727,000
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
119. <i>Ceratium hirundinella</i>	-	84,000	75,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
120. <i>Peridinium bipes</i>	-	742,000	-	-	-
121. <i>Peridinium cunningtonii</i>	-	-	100,000	465,000	375,000
122. <i>Peridinium gatunense</i>	-	1,568,000	208,000	815,000	106,000
123. <i>Peridinium</i> sp.	-	2,090,000	365,000	196,000	4,694,000
<b>ชนิดแพลงก์ตอนพืช</b>	<b>50</b>	<b>70</b>	<b>62</b>	<b>61</b>	<b>53</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	<b>12,021,000</b>	<b>48,816,000</b>	<b>60,133,000</b>	<b>11,850,000</b>	<b>19,948,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	<b>2.6117</b>	<b>2.6492</b>	<b>1.0931</b>	<b>3.2080</b>	<b>2.2839</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	<b>0.6676</b>	<b>0.6236</b>	<b>0.2649</b>	<b>0.7804</b>	<b>0.5752</b>

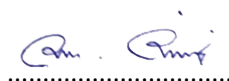
- Sample Location :**
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
  2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขวาค่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa , Amphur Sirmahaphot , Prachinburi , Thailand , 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella vulgaris</i>	16,000	63,000	17,000	-	16,000
<b>Family Difflugiidae</b>					
2. <i>Centropyxis aculeata</i>	-	-	-	8,000	-
3. <i>Difflugia lobostoma</i>	-	-	25,000	-	8,000
<b>Family Euglyphidae</b>					
4. <i>Euglypha rotunda</i>	-	-	-	-	8,000
5. <i>Euglypha</i> sp.	-	-	8,000	16,000	-



ตาราง ผลการวิเคราะห์แฟลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนสัตว์	ปริมาณแฟลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Subphylum Ciliophora</b>					
<b>Class Ciliata</b>					
<b>Subclass Holotricha</b>					
<b>Order Gymnostomatida</b>					
6. <i>Coleps</i> sp.	16,000	157,000	25,000	-	57,000
7. <i>Didinium</i> sp.	8,000	-	-	-	-
<b>Subclass Peritricha</b>					
<b>Order Peritrichida</b>					
8. <i>Vorticella</i> sp.	-	-	-	-	8,000
<b>Phylum Rotifera</b>					
<b>Class Monogononta</b>					
<b>Order Ploima</b>					
<b>Family Brachionidae</b>					
9. <i>Anuraeopsis fissa</i>	-	125,000	-	-	-
10. <i>Brachionus angularis</i>	-	31,000	-	-	-
11. <i>Brachionus</i> sp.	8,000	-	-	-	-
12. <i>Keratella cochlearis</i>	-	-	133,000	220,000	8,000
13. <i>Keratella vulga</i>	-	-	25,000	-	-
14. <i>Dipleuchlanis propatula</i>	8,000	-	-	-	-
15. <i>Lepadella acuminata</i>	-	-	8,000	8,000	8,000
16. <i>Squatinella rostrum</i>	8,000	-	-	-	-
<b>Family Lecanidae</b>					
17. <i>Lecane closterocerca</i>	-	-	-	8,000	-
18. <i>Lecane decipiens</i>	-	-	-	-	8,000
19. <i>Lecane inermis</i>	-	10,000	-	-	-
<b>Family Notommatidae</b>					
20. <i>Cephalodella forficula</i>	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
21. <i>Cephalodella gibba</i> <b>Family Tricercidae</b>	47,000	-	-	-	16,000
22. <i>Trichocerca capucina</i>	8,000	-	-	-	-
23. <i>Trichocerca weberi</i> <b>Family Gastropodidae</b>	-	-	8,000	16,000	-
24. <i>Ascomorpha ovalis</i> <b>Family Asplanchnidae</b>	-	-	-	-	49,000
25. <i>Asplanchna</i> sp. <b>Family Synchaetidae</b>	8,000	-	33,000	-	-
26. <i>Polyarthra dolichoptera</i>	-	293,000	-	98,000	424,000
27. <i>Polyarthra vulgaris</i> <b>Class Digononta</b>	-	188,000	-	82,000	293,000
<b>Family Philodinidae</b>					
28. <i>Philodina</i> sp.	-	-	-	8,000	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
29. Water flea nauplius	-	63,000	33,000	90,000	41,000
<b>Subclass Copepoda</b>					
30. Copepod nauplius	8,000	21,000	25,000	-	8,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	8,000	-	8,000	-	-

ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
ชนิดเพลงก่ตอนสัตว์	11	9	12	10	15
ปริมาณเพลงก่ตอนสัตว์	143,000	951,000	348,000	554,000	960,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	2.1463	1.8506	2.0655	1.7007	1.6330
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	0.8951	0.8422	0.8312	0.7386	0.6030

**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวด่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus pectoralis</i> (ปลาสลิค)	1	1	-	-	-	10.00-13.20	42.00
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	4	-	-	2	6.20-9.30	60.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	1	1	-	1	4.50-12.20	57.00
<b>Order Cichliformes</b>							
<b>Family Cichlidae</b>							
<i>Oreochromis niloticus</i> (ปลานิล)	-	1	-	-	-	32.10	546.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	2	1	-	6.30-8.50	26.00
<i>Osteochilus vittatus</i> (ปลาสร้อยนกเขา)	-	1	-	2	4	7.60-13.00	109.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	1	-	1	1	2	5.60-7.50	23.00
<i>Rasbora borapetensis</i> (ปลาซิวหางแดง)	-	-	1	-	-	4.30	0.40
<i>Rasbora myersi</i> (ปลาซิวควาย)	-	2	4	3	3	9.00-13.40	195.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลาค)	-	2	-	-	2	11.20-14.20	64.00

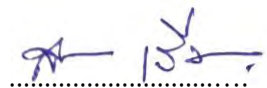
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาแป้นแก้ว)	-	-	1	1	-	4.40-4.50	3.20
<b>Order Siluriformes</b>							
<b>Family Bagridae</b>							
<i>Hemibagrus filamentus</i> (ปลากดเหลือง)	1	-	-	-	-	10.20	8.00
<i>Mystus mysticetus</i> (ปลาแขยงข้างลาย)	1	-	3	-	2	8.80-16.00	106.00
<b>Family Sikuridae</b>							
<i>Ompok siluroides</i> (ปลาชะโอน)	1	-	-	-	-	10.10	7.00
<b>ชนิดสัตว์น้ำ</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>4.30-32.10</b>	<b>1,246.60</b>
<b>ปริมาณสัตว์น้ำ</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>16</b>		
<b>ดัชนีความหลากหลายสัตว์น้ำ</b>	<b>1.9062</b>	<b>1.9251</b>	<b>1.7782</b>	<b>1.4942</b>	<b>1.8735</b>		


**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia convoluta</i>	109,000	115,000	-	-	-
2. <i>Microcystis aeruginosa</i>	-	1,777,000	-	-	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria anguina</i>	8,000	-	-	-	-
4. <i>Oscillatoria brevis</i>	-	-	149,000	-	16,000
5. <i>Oscillatoria princeps</i>	-	-	-	8,000	-
6. <i>Oscillatoria</i> sp.	31,000	1,254,000	116,000	489,000	49,000
7. <i>Oscillatoria tenuis</i>	16,000	-	-	139,000	49,000
8. <i>Spirulina</i> sp.	-	-	8,000	33,000	-



ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Family Nostocaceae</b>					
9. <i>Anabaena azollae</i>	-	951,000	17,000	-	-
10. <i>Raphidiopsis</i> sp.	-	512,000	17,000	-	-
<b>Family Rivulariaceae</b>					
11. <i>Calothrix</i> sp.	39,000	-	-	-	-
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
12. <i>Eudorina elegans</i>	-	-	-	-	8,000
13. <i>Gonium pectorale</i>	-	-	58,000	-	-
14. <i>Gonium sociale</i>	-	-	17,000	82,000	-
<b>Order Chlorococcales</b>					
<b>Family Chlorococcaceae</b>					
15. <i>Golenkinia radiata</i>	-	-	25,000	-	12,000
<b>Family Hydrodictyaceae</b>					
16. <i>Pediastrum duplex</i>	16,000	-	100,000	33,000	-
17. <i>Pediastrum simplex</i>	-	31,000	8,000	8,000	-
<b>Family Coelastraceae</b>					
18. <i>Coelastrum microporum</i>	-	63,000	66,000	147,000	8,000
19. <i>Coelastrum sphaericum</i>	-	42,000	199,000	-	-
<b>Family Botryococcaceae</b>					
20. <i>Botryococcus braunii</i>	70,000	836,000	208,000	82,000	-
<b>Family Oocystaceae</b>					
21. <i>Ankistrodesmus falcatus</i>	55,000	-	-	-	-
22. <i>Ankistrodesmus</i> sp.	-	52,000	-	-	-
23. <i>Ankistrodesmus spiralis</i>	-	-	-	16,000	41,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
24. <i>Dictyosphaerium pulchellum</i>	-	136,000	50,000	261,000	-
25. <i>Kirchneriella lunaris</i>	-	21,000	91,000	49,000	33,000
26. <i>Kirchneriella subsolitaria</i>	-	31,000	141,000	-	-
27. <i>Oocystis elliptica</i>	-	21,000	75,000	90,000	8,000
28. <i>Planktosphaeria gelatinosa</i>	-	-	125,000	24,000	16,000
29. <i>Tetraedron gracile</i>	-	63,000	8,000	-	33,000
30. <i>Tetraedron</i> sp.	-	-	232,000	-	-
31. <i>Tetraedron trigonum</i>	-	-	224,000	8,000	8,000
32. <i>Tetraedron victoriae</i>	-	-	141,000	8,000	-
<b>Family Scenedesmaceae</b>					
33. <i>Actinastrum</i> sp.	-	21,000	108,000	33,000	-
34. <i>Crucigenia apiculata</i>	-	-	50,000	-	-
35. <i>Micractinium lux</i>	-	-	-	-	8,000
36. <i>Scenedesmus opoliensis</i>	-	31,000	-	-	-
37. <i>Scenedesmus</i> sp.	-	-	-	-	41,000
<b>Order Ulotrichales</b>					
<b>Family Ulotrichaceae</b>					
38. <i>Geminella</i> sp.	16,000	-	-	24,000	-
39. <i>Ulothrix zonata</i>	16,000	-	-	-	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
40. <i>Spirogyra</i> sp.	218,000	52,000	66,000	1,630,000	228,000
41. <i>Spirogyra weberi</i>	702,000	-	-	782,000	33,000
<b>Family Desmidiaceae</b>					
42. <i>Closterium acerosum</i>	8,000	219,000	-	-	8,000
43. <i>Closterium gracile</i>	-	-	-	-	41,000
44. <i>Closterium kuetzingii</i>	-	10,000	58,000	8,000	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
45. <i>Closterium porrectum</i>	-	-	-	-	41,000
46. <i>Closterium</i> sp.	94,000	523,000	-	-	-
47. <i>Cosmarium nudum</i>	-	-	-	-	41,000
48. <i>Cosmarium</i> sp.	55,000	146,000	8,000	16,000	-
49. <i>Euastrum sinuosum</i>	-	31,000	-	-	24,000
50. <i>Micrasterias pinnatifida</i>	-	-	-	-	57,000
51. <i>Pleurotaenium</i> sp.	16,000	10,000	-	-	-
52. <i>Pleurotaenium trabecula</i>	117,000	-	-	-	49,000
53. <i>Staurastrum gracile</i>	-	20,587,000	299,000	147,000	24,000
54. <i>Staurastrum limneticum</i>	-	94,000	-	-	-
55. <i>Staurastrum muticum</i>	-	1,777,000	-	24,000	-
56. <i>Staurastrum</i> sp.	23,000	1,463,000	149,000	130,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
57. <i>Euglena acus</i>	125,000	345,000	17,000	122,000	163,000
58. <i>Euglena oxyuris</i>	374,000	115,000	25,000	171,000	24,000
59. <i>Euglena</i> sp.	-	52,000	108,000	41,000	-
60. <i>Euglena splendens</i>	593,000	-	-	57,000	-
61. <i>Euglena viridis</i>	445,000	94,000	-	-	90,000
62. <i>Lepocinclis acicularis</i>	624,000	-	-	-	-
63. <i>Lepocinclis ovum</i>	4,290,000	502,000	125,000	652,000	3,097,000
64. <i>Lepocinclis steinii</i>	47,000	-	-	16,000	-
65. <i>Phacus angulatus</i>	-	-	-	16,000	122,000
66. <i>Phacus hamatus</i>	421,000	125,000	8,000	73,000	-
67. <i>Phacus helikoides</i>	-	94,000	8,000	-	-
68. <i>Phacus longicauda</i>	-	21,000	42,000	-	-
69. <i>Phacus myersi</i>	31,000	136,000	8,000	8,000	33,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
70. <i>Phacus platalea</i>	31,000	105,000	-	-	-
71. <i>Phacus</i> sp.	-	115,000	8,000	-	-
72. <i>Phacus stokesii</i>	437,000	52,000	-	-	-
73. <i>Phacus tortus</i>	70,000	157,000	232,000	-	-
74. <i>Strombomonas girardiana</i>	-	-	-	16,000	-
75. <i>Trachelomonas crebea</i>	-	1,515,000	33,000	98,000	1,630,000
76. <i>Trachelomonas daugerdiana</i>	-	115,000	66,000	163,000	204,000
77. <i>Trachelomonas hispida</i>	-	1,986,000	50,000	1,304,000	326,000
78. <i>Trachelomonas lacustris</i>	70,000	1,881,000	83,000	16,000	24,000
79. <i>Trachelomonas mirabilis</i>	-	627,000	-	-	-
80. <i>Trachelomonas similis</i>	-	941,000	-	24,000	-
81. <i>Trachelomonas superba</i>	-	178,000	-	90,000	16,000
82. <i>Trachelomonas volzii</i>	-	627,000	-	-	-
83. <i>Trachelomonas zingeri</i>	-	2,111,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Thalassiosiraceae</b>					
84. <i>Cyclotella meneghiniana</i>	-	-	166,000	73,000	57,000
85. <i>Cyclotella stelligera</i>	62,000	73,000	-	-	-
86. <i>Stephanodiscus</i> sp.	8,000	-	-	-	-
<b>Family Aulacoseiraceae</b>					
87. <i>Aulacoseira granulata</i>	31,000	209,000	730,000	130,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
88. <i>Fragilaria capucina</i>	-	84,000	-	-	33,000
89. <i>Synedra acus</i>	-	-	-	-	359,000
90. <i>Synedra</i> sp.	-	21,000	-	-	-
91. <i>Synedra ulna</i>	1,014,000	125,000	33,000	33,000	2,445,000
<b>Family Rhaphoneidaceae</b>					
92. <i>Rhopalodia gibba</i>	-	-	-	8,000	-
<b>Family Tabellariaceae</b>					
93. <i>Tabellaria fenestrata</i>	-	-	-	-	18,000
<b>Family Licmophoriaceae</b>					
94. <i>Licmophora ehrenbergii</i>	8,000	-	-	-	-
<b>Suborder Bacillariineae</b>					
<b>Family Eunotiaceae</b>					
95. <i>Eunotia lineolata</i>	-	-	-	-	24,000
96. <i>Eunotia pectinalis</i>	62,000	42,000	42,000	8,000	8,000
<b>Family Cymbellaceae</b>					
97. <i>Cymbella</i> sp.	-	-	-	41,000	-
98. <i>Gomphonema parvulum</i>	936,000	52,000	33,000	-	98,000
<b>Family Naviculaceae</b>					
99. <i>Amphora</i> sp.	8,000	84,000	-	-	16,000
100. <i>Frustulia vulgaris</i>	23,000	21,000	-	8,000	-
101. <i>Gyrosigma attenuatum</i>	320,000	-	133,000	734,000	33,000
102. <i>Gyrosigma</i> sp.	62,000	-	100,000	676,000	-
103. <i>Navicula cuspidata</i>	125,000	199,000	-	114,000	-
104. <i>Navicula lanceolata</i>	55,000	21,000	25,000	24,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
105. <i>Pinnularia gibba</i>	39,000	42,000	-	-	-
106. <i>Pinnularia viridis</i>	-	167,000	33,000	-	65,000
<b>Family Bacillariaceae</b>					
107. <i>Bacillaria paxillifer</i>	-	31,000	-	-	-
108. <i>Nitzschia linearis</i>	-	314,000	75,000	-	-
109. <i>Nitzschia</i> sp.	-	-	-	82,000	-
<b>Family Surirellaceae</b>					
110. <i>Surirella elegans</i>	31,000	-	-	41,000	-
111. <i>Surirella linearis</i>	8,000	-	8,000	-	-
112. <i>Surirella ovata</i>	-	84,000	-	-	-
113. <i>Surirella robusta</i>	16,000	-	-	-	-
114. <i>Surirella tenera</i>	23,000	-	-	-	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
115. <i>Dinobryon sertularia</i>	-	-	45,982,000	758,000	-
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
116. <i>Mallomonas caudata</i>	-	-	697,000	-	204,000
117. <i>Mallomonas elliptica</i>	23,000	-	66,000	73,000	73,000
118. <i>Mallomonas litomesa</i>	-	-	7,636,000	400,000	4,727,000
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
119. <i>Ceratium hirundinella</i>	-	84,000	75,000	33,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
120. <i>Peridinium bipes</i>	-	742,000	-	-	-
121. <i>Peridinium cunningtonii</i>	-	-	100,000	465,000	375,000
122. <i>Peridinium gatunense</i>	-	1,568,000	208,000	815,000	106,000
123. <i>Peridinium</i> sp.	-	2,090,000	365,000	196,000	4,694,000
<b>ชนิดแพลงก์ตอนพืช</b>	<b>50</b>	<b>70</b>	<b>62</b>	<b>61</b>	<b>53</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	<b>12,021,000</b>	<b>48,816,000</b>	<b>60,133,000</b>	<b>11,850,000</b>	<b>19,948,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	<b>2.6117</b>	<b>2.6492</b>	<b>1.0931</b>	<b>3.2080</b>	<b>2.2839</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	<b>0.6676</b>	<b>0.6236</b>	<b>0.2649</b>	<b>0.7804</b>	<b>0.5752</b>

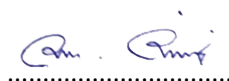
- Sample Location :**
1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
  2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขวาค่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa , Amphur Sirmahaphot , Prachinburi , Thailand , 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella vulgaris</i>	16,000	63,000	17,000	-	16,000
<b>Family Difflugiidae</b>					
2. <i>Centropyxis aculeata</i>	-	-	-	8,000	-
3. <i>Difflugia lobostoma</i>	-	-	25,000	-	8,000
<b>Family Euglyphidae</b>					
4. <i>Euglypha rotunda</i>	-	-	-	-	8,000
5. <i>Euglypha</i> sp.	-	-	8,000	16,000	-



**ตาราง** ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
<b>Subphylum Ciliophora</b>					
<b>Class Ciliata</b>					
<b>Subclass Holotricha</b>					
<b>Order Gymnostomatida</b>					
6. <i>Coleps</i> sp.	16,000	157,000	25,000	-	57,000
7. <i>Didinium</i> sp.	8,000	-	-	-	-
<b>Subclass Peritricha</b>					
<b>Order Peritrichida</b>					
8. <i>Vorticella</i> sp.	-	-	-	-	8,000
<b>Phylum Rotifera</b>					
<b>Class Monogononta</b>					
<b>Order Ploima</b>					
<b>Family Brachionidae</b>					
9. <i>Anuraeopsis fissa</i>	-	125,000	-	-	-
10. <i>Brachionus angularis</i>	-	31,000	-	-	-
11. <i>Brachionus</i> sp.	8,000	-	-	-	-
12. <i>Keratella cochlearis</i>	-	-	133,000	220,000	8,000
13. <i>Keratella vulga</i>	-	-	25,000	-	-
14. <i>Dipleuchlanis propatula</i>	8,000	-	-	-	-
15. <i>Lepadella acuminata</i>	-	-	8,000	8,000	8,000
16. <i>Squatinella rostrum</i>	8,000	-	-	-	-
<b>Family Lecanidae</b>					
17. <i>Lecane closterocerca</i>	-	-	-	8,000	-
18. <i>Lecane decipiens</i>	-	-	-	-	8,000
19. <i>Lecane inermis</i>	-	10,000	-	-	-
<b>Family Notommatidae</b>					
20. <i>Cephalodella forficula</i>	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
21. <i>Cephalodella gibba</i> <b>Family Tricercidae</b>	47,000	-	-	-	16,000
22. <i>Trichocerca capucina</i>	8,000	-	-	-	-
23. <i>Trichocerca weberi</i> <b>Family Gastropodidae</b>	-	-	8,000	16,000	-
24. <i>Ascomorpha ovalis</i> <b>Family Asplanchnidae</b>	-	-	-	-	49,000
25. <i>Asplanchna</i> sp. <b>Family Synchaetidae</b>	8,000	-	33,000	-	-
26. <i>Polyarthra dolichoptera</i>	-	293,000	-	98,000	424,000
27. <i>Polyarthra vulgaris</i> <b>Class Digononta</b>	-	188,000	-	82,000	293,000
<b>Family Philodinidae</b>					
28. <i>Philodina</i> sp.	-	-	-	8,000	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
29. Water flea nauplius	-	63,000	33,000	90,000	41,000
<b>Subclass Copepoda</b>					
30. Copepod nauplius	8,000	21,000	25,000	-	8,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	8,000	-	8,000	-	-

ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	232581-1	232582-1	232583-1	232584-1	232585-1
ชนิดเพลงก่ตอนสัตว์	11	9	12	10	15
ปริมาณเพลงก่ตอนสัตว์	143,000	951,000	348,000	554,000	960,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	2.1463	1.8506	2.0655	1.7007	1.6330
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	0.8951	0.8422	0.8312	0.7386	0.6030

**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวด่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus pectoralis</i> (ปลาสลิค)	1	1	-	-	-	10.00-13.20	42.00
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	2	4	-	-	2	6.20-9.30	60.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	1	1	-	1	4.50-12.20	57.00
<b>Order Cichliformes</b>							
<b>Family Cichlidae</b>							
<i>Oreochromis niloticus</i> (ปลานิล)	-	1	-	-	-	32.10	546.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	2	1	-	6.30-8.50	26.00
<i>Osteochilus vittatus</i> (ปลาสร้อยนกเขา)	-	1	-	2	4	7.60-13.00	109.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	1	-	1	1	2	5.60-7.50	23.00
<i>Rasbora borapetensis</i> (ปลาซิวหางแดง)	-	-	1	-	-	4.30	0.40
<i>Rasbora myersi</i> (ปลาซิวควาย)	-	2	4	3	3	9.00-13.40	195.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลาค)	-	2	-	-	2	11.20-14.20	64.00

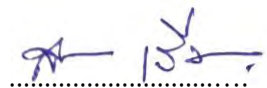
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	232581-1	232582-1	232583-1	232584-1	232585-1		
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาแป้นแก้ว)	-	-	1	1	-	4.40-4.50	3.20
<b>Order Siluriformes</b>							
<b>Family Bagridae</b>							
<i>Hemibagrus filamentus</i> (ปลากดเหลือง)	1	-	-	-	-	10.20	8.00
<i>Mystus mysticetus</i> (ปลาแขยงข้างลาย)	1	-	3	-	2	8.80-16.00	106.00
<b>Family Sikuridae</b>							
<i>Ompok siluroides</i> (ปลาชะโอน)	1	-	-	-	-	10.10	7.00
<b>ชนิดสัตว์น้ำ</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>4.30-32.10</b>	<b>1,246.60</b>
<b>ปริมาณสัตว์น้ำ</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>16</b>		
<b>ดัชนีความหลากหลายสัตว์น้ำ</b>	<b>1.9062</b>	<b>1.9251</b>	<b>1.7782</b>	<b>1.4942</b>	<b>1.8735</b>		


**Sample Location :**

1. สถานี 232581-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)
2. สถานี 232582-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 232583-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 232584-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 232585-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Phylum Annelida</b>					
<b>Class Clitellata</b>					
<b>Order Lumbriculida</b>					
<b>Family Lumbriculidae</b>					
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำจืด)	-	-	-	-	15
<b>Phylum Arthropoda</b>					
<b>Class Insecta</b>					
<b>Order Decapoda</b>					
<b>Family Palaemonidae</b>					
<i>Macrobrachium</i> sp. (กุ้งฝอย)	-	-	-	-	15
<b>Order Diptera</b>					
<b>Family Ceratopogonidae</b>					
<i>Culicoides</i> sp. (ตัวอ่อนริ้น)	60	-	-	45	45
<b>Family Chironomidae</b>					
<i>Chironomus</i> sp. (หนอนแดง)	208	1,230	15	134	119



ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Order Ephemeroptera</b>					
<b>Family Caenidae</b>					
<i>Caenis</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	-	15	-
<b>Order Odonata</b>					
<b>Family Macromiidae</b>					
<i>Macromia</i> sp. (แมลงปอ)	15	45	-	-	15
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Bithyniidae</b>					
<i>Bithynia</i> sp. (หอยไซ)	75	-	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	-	15	-	-
<b>Order Caenogastropoda</b>					
<b>Family Thiaridae</b>					
<i>Sermyla</i> sp. (หอยเจดีย์)	15	75	15	-	-
<b>ชนิดสัตว์หน้าดิน</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ปริมาณสัตว์หน้าดิน</b>	<b>373</b>	<b>1,350</b>	<b>45</b>	<b>194</b>	<b>209</b>
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	<b>1.2006</b>	<b>0.3588</b>	<b>1.0986</b>	<b>0.7924</b>	<b>1.2185</b>

**Sample Location :** 1. สถานี 232588-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

2. สถานี 232589-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ  
(GPS 47P 0773808, 1529245)

3. สถานี 232590-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
(GPS 47P 0773680, 1534504)

4. สถานี 232591-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง

(GPS 47P 0773953, 1535200)

5. สถานี 232592-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร

(GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag

อรุณ ภัทระวงศ์

(นายอรุณภูมิ กันทะวงศ์)

ผู้วิเคราะห์

ณ. ณ.

(นายอลงกต อินทชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

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Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

### รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Phylum Annelida</b>					
<b>Class Clitellata</b>					
<b>Order Lumbriculida</b>					
<b>Family Lumbriculidae</b>					
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำจืด)	-	-	-	-	15
<b>Phylum Arthropoda</b>					
<b>Class Insecta</b>					
<b>Order Decapoda</b>					
<b>Family Palaemonidae</b>					
<i>Macrobrachium</i> sp. (กุ้งฝอย)	-	-	-	-	15
<b>Order Diptera</b>					
<b>Family Ceratopogonidae</b>					
<i>Culicoides</i> sp. (ตัวอ่อนริ้น)	60	-	-	45	45
<b>Family Chironomidae</b>					
<i>Chironomus</i> sp. (หนอนแดง)	208	1,230	15	134	119

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Order Ephemeroptera</b>					
<b>Family Caenidae</b>					
<i>Caenis</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	-	15	-
<b>Order Odonata</b>					
<b>Family Macromiidae</b>					
<i>Macromia</i> sp. (แมลงปอ)	15	45	-	-	15
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Bithyniidae</b>					
<i>Bithynia</i> sp. (หอยไซ)	75	-	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	-	15	-	-
<b>Order Caenogastropoda</b>					
<b>Family Thiaridae</b>					
<i>Sermyla</i> sp. (หอยเจดีย์)	15	75	15	-	-
<b>ชนิดสัตว์หน้าดิน</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ปริมาณสัตว์หน้าดิน</b>	<b>373</b>	<b>1,350</b>	<b>45</b>	<b>194</b>	<b>209</b>
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	<b>1.2006</b>	<b>0.3588</b>	<b>1.0986</b>	<b>0.7924</b>	<b>1.2185</b>

**Sample Location :** 1. สถานี 232588-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

2. สถานี 232589-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ  
(GPS 47P 0773808, 1529245)

3. สถานี 232590-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
(GPS 47P 0773680, 1534504)

4. สถานี 232591-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง

(GPS 47P 0773953, 1535200)

5. สถานี 232592-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร

(GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag

อรุณ ภัทระวงศ์

(นายอรุณภูมิ กันทะวงศ์)

ผู้วิเคราะห์

ณ. ณ.

(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Phylum Annelida</b>					
<b>Class Clitellata</b>					
<b>Order Lumbriculida</b>					
<b>Family Lumbriculidae</b>					
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำจืด)	-	-	-	-	15
<b>Phylum Arthropoda</b>					
<b>Class Insecta</b>					
<b>Order Decapoda</b>					
<b>Family Palaemonidae</b>					
<i>Macrobrachium</i> sp. (กุ้งฝอย)	-	-	-	-	15
<b>Order Diptera</b>					
<b>Family Ceratopogonidae</b>					
<i>Culicoides</i> sp. (ตัวอ่อนริ้น)	60	-	-	45	45
<b>Family Chironomidae</b>					
<i>Chironomus</i> sp. (หนอนแดง)	208	1,230	15	134	119

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Order Ephemeroptera</b>					
<b>Family Caenidae</b>					
<i>Caenis</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	-	15	-
<b>Order Odonata</b>					
<b>Family Macromiidae</b>					
<i>Macromia</i> sp. (แมลงปอ)	15	45	-	-	15
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Bithyniidae</b>					
<i>Bithynia</i> sp. (หอยไข่)	75	-	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	-	15	-	-
<b>Order Caenogastropoda</b>					
<b>Family Thiaridae</b>					
<i>Sermyla</i> sp. (หอยเจดีย์)	15	75	15	-	-
<b>ชนิดสัตว์หน้าดิน</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ปริมาณสัตว์หน้าดิน</b>	<b>373</b>	<b>1,350</b>	<b>45</b>	<b>194</b>	<b>209</b>
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	<b>1.2006</b>	<b>0.3588</b>	<b>1.0986</b>	<b>0.7924</b>	<b>1.2185</b>

**Sample Location :** 1. สถานี 232588-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

2. สถานี 232589-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ  
(GPS 47P 0773808, 1529245)

3. สถานี 232590-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
(GPS 47P 0773680, 1534504)

4. สถานี 232591-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง

(GPS 47P 0773953, 1535200)

5. สถานี 232592-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร

(GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag

อรุณ ภัทระวงศ์

(นายอรุณภูมิ กันทะวงศ์)

ผู้วิเคราะห์

ณ. ณ.

(นายอลงกต อินทชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา





สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Phylum Annelida</b>					
<b>Class Clitellata</b>					
<b>Order Lumbriculida</b>					
<b>Family Lumbriculidae</b>					
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำจืด)	-	-	-	-	15
<b>Phylum Arthropoda</b>					
<b>Class Insecta</b>					
<b>Order Decapoda</b>					
<b>Family Palaemonidae</b>					
<i>Macrobrachium</i> sp. (กุ้งฝอย)	-	-	-	-	15
<b>Order Diptera</b>					
<b>Family Ceratopogonidae</b>					
<i>Culicoides</i> sp. (ตัวอ่อนริ้น)	60	-	-	45	45
<b>Family Chironomidae</b>					
<i>Chironomus</i> sp. (หนอนแดง)	208	1,230	15	134	119

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Order Ephemeroptera</b>					
<b>Family Caenidae</b>					
<i>Caenis</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	-	15	-
<b>Order Odonata</b>					
<b>Family Macromiidae</b>					
<i>Macromia</i> sp. (แมลงปอ)	15	45	-	-	15
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Bithyniidae</b>					
<i>Bithynia</i> sp. (หอยไข่)	75	-	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	-	15	-	-
<b>Order Caenogastropoda</b>					
<b>Family Thiaridae</b>					
<i>Sermyla</i> sp. (หอยเจดีย์)	15	75	15	-	-
<b>ชนิดสัตว์หน้าดิน</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ปริมาณสัตว์หน้าดิน</b>	<b>373</b>	<b>1,350</b>	<b>45</b>	<b>194</b>	<b>209</b>
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	<b>1.2006</b>	<b>0.3588</b>	<b>1.0986</b>	<b>0.7924</b>	<b>1.2185</b>

**Sample Location :** 1. สถานี 232588-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

2. สถานี 232589-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ  
(GPS 47P 0773808, 1529245)

3. สถานี 232590-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
(GPS 47P 0773680, 1534504)

4. สถานี 232591-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง

(GPS 47P 0773953, 1535200)

5. สถานี 232592-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร

(GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag

อรุณ ภัทระวงศ์

(นายอรุณภูมิ กันทะวงศ์)

ผู้วิเคราะห์

ณ. ณ.

(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Phylum Annelida</b>					
<b>Class Clitellata</b>					
<b>Order Lumbriculida</b>					
<b>Family Lumbriculidae</b>					
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำจืด)	-	-	-	-	15
<b>Phylum Arthropoda</b>					
<b>Class Insecta</b>					
<b>Order Decapoda</b>					
<b>Family Palaemonidae</b>					
<i>Macrobrachium</i> sp. (กุ้งฝอย)	-	-	-	-	15
<b>Order Diptera</b>					
<b>Family Ceratopogonidae</b>					
<i>Culicoides</i> sp. (ตัวอ่อนริ้น)	60	-	-	45	45
<b>Family Chironomidae</b>					
<i>Chironomus</i> sp. (หนอนแดง)	208	1,230	15	134	119

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 มกราคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	232588-1	232589-1	232590-1	232591-1	232592-1
<b>Order Ephemeroptera</b>					
<b>Family Caenidae</b>					
<i>Caenis</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	-	15	-
<b>Order Odonata</b>					
<b>Family Macromiidae</b>					
<i>Macromia</i> sp. (แมลงปอ)	15	45	-	-	15
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Bithyniidae</b>					
<i>Bithynia</i> sp. (หอยไซ)	75	-	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	-	15	-	-
<b>Order Caenogastropoda</b>					
<b>Family Thiaridae</b>					
<i>Sermyla</i> sp. (หอยเจดีย์)	15	75	15	-	-
<b>ชนิดสัตว์หน้าดิน</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ปริมาณสัตว์หน้าดิน</b>	<b>373</b>	<b>1,350</b>	<b>45</b>	<b>194</b>	<b>209</b>
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	<b>1.2006</b>	<b>0.3588</b>	<b>1.0986</b>	<b>0.7924</b>	<b>1.2185</b>

**Sample Location :** 1. สถานี 232588-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

2. สถานี 232589-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ  
(GPS 47P 0773808, 1529245)

3. สถานี 232590-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร  
(GPS 47P 0773680, 1534504)

4. สถานี 232591-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง

(GPS 47P 0773953, 1535200)

5. สถานี 232592-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร

(GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag

อรุณ ภัทระวงศ์

(นายอรุณภูมิ กันทะวงศ์)

ผู้วิเคราะห์

ณ. ณ.

(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Division Cyanophyta</b>					
<b>Class Cyanophyceae</b>					
<b>Order Chroococcales</b>					
<b>Family Chroococcaceae</b>					
1. <i>Merismopedia</i> sp.	-	-	-	-	41,000
2. <i>Microcystis aeruginosa</i>	-	-	141,000	392,000	-
<b>Order Nostocales</b>					
<b>Family Oscillatoriaceae</b>					
3. <i>Oscillatoria princeps</i>	-	9,000	-	-	-
4. <i>Oscillatoria prolifica</i>	-	-	-	-	89,000
5. <i>Oscillatoria</i> sp.	-	-	85,000	570,000	616,000
6. <i>Oscillatoria tenuis</i>	-	-	-	-	24,000
7. <i>Spirulina</i> sp.	-	-	-	356,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Division Chlorophyta</b>					
<b>Class Chlorophyceae</b>					
<b>Order Volvocales</b>					
<b>Family Volvocaceae</b>					
8. <i>Eudorina elegans</i>	-	-	639,000	134,000	65,000
<b>Family Spondylomoraceae</b>					
9. <i>Spondylomorom quarternarium</i>	-	409,000	-	-	-
<b>Order Tetrasporales</b>					
<b>Family Palmellaceae</b>					
10. <i>Gloeocystis planctonica</i>	-	-	-	-	41,000
<b>Order Chlorococcales</b>					
<b>Family Hydrodictyaceae</b>					
11. <i>Pediastrum duplex</i>	-	-	38,000	89,000	97,000
12. <i>Pediastrum simplex</i>	-	-	66,000	62,000	-
<b>Family Coelastraceae</b>					
13. <i>Coelastrum microporum</i>	-	-	-	285,000	154,000
14. <i>Coelastrum</i> sp.	-	-	-	-	130,000
15. <i>Coelastrum sphaericum</i>	-	-	6,580,000	1,780,000	956,000
<b>Family Oocystaceae</b>					
16. <i>Ankistrodesmus spiralis</i>	-	-	301,000	223,000	57,000
17. <i>Chlorella vulgaris</i>	-	-	-	53,000	122,000
18. <i>Dictyosphaerium pulchellum</i>	-	-	-	151,000	-
19. <i>Kirchneriella lunaris</i>	-	-	-	231,000	-
20. <i>Planktosphaeria gelatinosa</i>	-	35,000	-	107,000	146,000
21. <i>Oocystis elliptica</i>	-	-	-	-	8,000
22. <i>Schroederia setigera</i>	-	17,000	-	-	8,000
23. <i>Tetraedron trigonum</i>	-	52,000	9,000	9,000	8,000



ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Family Scenedesmaceae</b>					
24. <i>Crucigenia apiculata</i>	-	-	66,000	-	-
25. <i>Scenedesmus dimorphus</i>	-	-	-	-	24,000
26. <i>Scenedesmus opoliensis</i>	-	35,000	-	-	-
27. <i>Scenedesmus</i> sp.	-	-	-	178,000	-
<b>Order Zygematales</b>					
<b>Family Zygnemataceae</b>					
29. <i>Spirogyra</i> sp.	-	-	-	-	49,000
<b>Family Desmidiaceae</b>					
29. <i>Closterium acerosum</i>	-	35,000	-	-	-
30. <i>Closterium lineatum</i>	-	-	-	-	8,000
31. <i>Cosmarium</i> sp.	-	-	-	9,000	8,000
32. <i>Staurastrum gracile</i>	-	-	113,000	18,000	-
33. <i>Staurastrum</i> sp.	-	-	-	160,000	-
<b>Class Euglenophyceae</b>					
<b>Order Euglenales</b>					
<b>Family Euglenaceae</b>					
34. <i>Euglena acus</i>	-	1,740,000	56,000	45,000	162,000
35. <i>Euglena fusca</i>	-	435,000	113,000	45,000	-
36. <i>Euglena oxyuris</i>	-	17,000	38,000	36,000	32,000
37. <i>Euglena sanguinea</i>	-	70,000	-	-	-
38. <i>Euglena</i> sp.	-	-	85,000	-	-
39. <i>Euglena splendens</i>	-	122,000	-	-	-
40. <i>Euglena viridis</i>	-	522,000	-	-	16,000
41. <i>Lepocinclis ovum</i>	-	13,224,000	169,000	149,000	972,000
42. <i>Phacus angulatus</i>	-	548,000	-	-	-
43. <i>Phacus anomalus</i>	-	-	-	-	97,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
44. <i>Phacus hamatus</i>	-	1,218,000	216,000	142,000	567,000
45. <i>Phacus helikoidea</i>	-	2,114,000	28,000	-	-
46. <i>Phacus horridus</i>	-	26,000	19,000	-	-
47. <i>Phacus longicauda</i>	-	61,000	-	-	-
48. <i>Phacus myersi</i>	-	-	28,000	9,000	-
49. <i>Phacus platalea</i>	-	-	-	-	57,000
50. <i>Phacus pleuronectes</i>	-	609,000	47,000	36,000	49,000
51. <i>Phacus ranula</i>	-	-	19,000	18,000	-
52. <i>Phacus</i> sp.	-	2,080,000	28,000	71,000	73,000
53. <i>Phacus stokesii</i>	-	70,000	-	-	-
54. <i>Phacus torta</i>	-	139,000	-	-	-
55. <i>Strombomonas gibberosa</i>	-	17,000	-	-	-
56. <i>Strombomonas</i> sp.	-	-	-	27,000	-
57. <i>Trachelomonas crebea</i>	-	696,000	-	-	-
58. <i>Trachelomonas daugerdiana</i>	-	87,000	94,000	-	41,000
59. <i>Trachelomonas hispida</i>	-	4,698,000	376,000	1,513,000	227,000
60. <i>Trachelomonas klebsii</i>	-	2,958,000	75,000	80,000	8,000
61. <i>Trachelomonas lismorensis</i>	-	139,000	-	-	-
62. <i>Trachelomonas mirabilis</i>	-	44,000	-	-	-
63. <i>Trachelomonas superba</i>	-	2,436,000	150,000	-	8,000
64. <i>Trachelomonas volzii</i>	-	104,000	-	-	-
<b>Division Chromophyta</b>					
<b>Class Bacillariophyceae</b>					
<b>Order Biddulphiales</b>					
<b>Suborder Coscinodiscineae</b>					
<b>Family Aulacoseiraceae</b>					
65. <i>Aulacoseira granulata</i>	-	-	47,000	1,647,000	567,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Order Bacillariales</b>					
<b>Suborder Fragilariineae</b>					
<b>Family Fragilariaceae</b>					
66. <i>Synedra ulna</i>	-	26,000	-	-	24,000
<b>Suborder Bacillariineae</b>					
<b>Family Naviculaceae</b>					
67. <i>Amphora</i> sp.	-	-	-	-	8,000
68. <i>Craticula cuspidata</i>	-	-	-	71,000	-
69. <i>Diploneis elliptica</i>	-	-	-	27,000	-
70. <i>Gyrosigma attenuatum</i>	-	-	-	-	41,000
71. <i>Gyrosigma balticum</i>	-	-	-	9,000	-
72. <i>Gyrosigma</i> sp.	-	-	-	116,000	-
73. <i>Navicula cuspidata</i>	-	-	-	-	24,000
74. <i>Navicula lanceolata</i>	-	-	-	-	16,000
75. <i>Pinnularia gibba</i>	-	-	-	27,000	81,000
<b>Family Bacillariaceae</b>					
76. <i>Nitzschia lorenziana</i>	-	-	-	18,000	-
<b>Class Crysophyceae</b>					
<b>Order Ochromonadales</b>					
<b>Family Dinobryaceae</b>					
77. <i>Dinobryon sertularia</i>	-	-	125,208,000	1,246,000	8,000
<b>Order Synurales</b>					
<b>Family Mallomonadaceae</b>					
78. <i>Mallomonas</i> sp.	-	-	94,000	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Class Dinophyceae</b>					
<b>Order Gonyaulacalea</b>					
<b>Family Ceratiaceae</b>					
79. <i>Ceratium hirundinella</i>	-	-	9,000	-	-
<b>Order Peridiniales</b>					
<b>Family Peridiniaceae</b>					
80. <i>Peridinium cunningtonii</i>	-	-	10,528,000	1,602,000	73,000
81. <i>Peridinium gatunense</i>	-	-	75,000	249,000	89,000
82. <i>Peridinium</i> sp.	-	2,262,000	188,000	36,000	-
<b>ชนิดแพลงก์ตอนพืช</b>	-	<b>34</b>	<b>33</b>	<b>41</b>	<b>44</b>
<b>ปริมาณแพลงก์ตอนพืช</b>	-	<b>37,054,000</b>	<b>145,728,000</b>	<b>12,026,000</b>	<b>5,899,000</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนพืช</b>	-	<b>2.3138</b>	<b>0.6169</b>	<b>2.7841</b>	<b>2.8791</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนพืช</b>	-	<b>0.6561</b>	<b>0.1764</b>	<b>0.7497</b>	<b>0.7608</b>

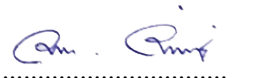
- Sample Location :**
1. สถานี 2338394-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283) (สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
  2. สถานี 2338395-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 2338398-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 2338399-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 2338400-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**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 Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Phylum Protozoa</b>					
<b>Subphylum Plasmodroma</b>					
<b>Class Sarcodina</b>					
<b>Subclass Rhizopoda</b>					
<b>Order Testacida</b>					
<b>Family Arcellidae</b>					
1. <i>Arcella</i> sp.	-	9,000	-	-	-
2. <i>Arcella vulgaris</i>	-	-	-	-	16,000
<b>Family Diffugiidae</b>					
3. <i>Diffugia lobostoma</i>	-	-	38,000	-	178,000
4. <i>Diffugia</i> sp.	-	-	9,000	-	24,000
<b>Family Euglyphidae</b>					
5. <i>Euglypha</i> sp.	-	-	-	-	8,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแฟลงก์ตอนสัตว์	ปริมาณแฟลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
<b>Subphylum Ciliophora</b>					
<b>Class Ciliata</b>					
<b>Subclass Holotricha</b>					
<b>Order Gymnostomatida</b>					
6. <i>Coleps</i> sp.	-	70,000	-	-	65,000
7. <i>Prorodon</i> sp.	-	-	1,222,000	-	-
<b>Subclass Peritricha</b>					
<b>Order Peritrichida</b>					
8. <i>Pyxicola</i> sp.	-	-	-	9,000	-
9. <i>Vorticella</i> sp.	-	-	-	-	8,000
<b>Phylum Rotifera</b>					
<b>Class Monogononta</b>					
<b>Order Ploima</b>					
<b>Family Brachionidae</b>					
10. <i>Anuraeopsis coelata</i>	-	-	-	-	57,000
11. <i>Anuraeopsis fissa</i>	-	-	1,786,000	9,000	57,000
12. <i>Anuraeopsis navicula</i>	-	-	226,000	-	-
13. <i>Brachionus angularis</i>	-	-	9,000	-	8,000
14. <i>Colurella obtusa</i>	-	-	9,000	-	-
15. <i>Keratella cochlearis</i>	-	-	-	18,000	16,000
16. <i>Lepadella acuminata</i>	-	-	-	9,000	8,000
<b>Family Lecanidae</b>					
17. <i>Lecane bulla</i>	-	-	-	9,000	-
18. <i>Lecane hamata</i>	-	-	9,000	-	-
19. <i>Lecane hastata</i>	-	9,000	-	-	8,000
<b>Family Tricocercidae</b>					
20. <i>Trichocerca pusilla</i>	-	-	9,000	-	8,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
21. <i>Trichocerca similis</i>	-	-	-	9,000	8,000
<b>Family Asplanchnidae</b>					
22. <i>Asplanchna priodonta</i>	-	26,000	-	-	16,000
<b>Family Synchaetidae</b>					
23. <i>Polyarthra dolichoptera</i>	-	52,000	-	-	-
24. <i>Polyarthra vulgaris</i>	-	374,000	451,000	18,000	275,000
<b>Order Flosculariaceae</b>					
<b>Family Testudinellidae</b>					
25. <i>Filinia camasacla</i>	-	-	-	-	8,000
26. <i>Filinia cornuta</i>	-	-	-	-	8,000
27. <i>Filinia opoliensis</i>	-	-	-	-	16,000
28. <i>Testudinella patina</i>	-	9,000	-	-	-
<b>Phylum Arthropoda</b>					
<b>Class Crustacea</b>					
<b>Subclass Branchiopoda</b>					
<b>Order Diplostraca</b>					
<b>Suborder Cladocera</b>					
<b>Family Bosminidae</b>					
29. <i>Bosminopsis</i> sp.	-	-	-	-	16,000
<b>Subclass Copepoda</b>					
30. Copepod nautilus	-	44,000	376,000	134,000	49,000
<b>Order Cyclopoida</b>					
31. Cyclopoid copepod	-	9,000	9,000	-	-
<b>Order Harpacticoida</b>					
32. Harpacticoid copepod	-	-	-	-	8,000



ตาราง ผลการวิเคราะห์เพลงก่ตอนสัตว์ (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

(ต่อ)

ชนิดเพลงก่ตอนสัตว์	ปริมาณเพลงก่ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)				
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1
ชนิดเพลงก่ตอนสัตว์	-	9	12	8	22
ปริมาณเพลงก่ตอนสัตว์	-	602,000	4,153,000	215,000	865,000
ดัชนีความหลากหลายเพลงก่ตอนสัตว์	-	1.3357	1.4626	1.3742	2.3068
ดัชนีความสม่ำเสมอเพลงก่ตอนสัตว์	-	0.6079	0.5886	0.6609	0.7463

- Sample Location :**
1. สถานี 2338394-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283) (สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
  2. สถานี 2338395-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
  3. สถานี 2338398-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
  4. สถานี 2338399-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
  5. สถานี 2338400-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

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



(นางสาวกนกวรรณ ขาวดอน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 18 เมษายน 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1		
Phylum Chordata							
Class Actinopterygii							
Order Anabantiformes							
Family Osphronemidae							
<i>Trichopodus trichopterus</i> (ปลากะดี่หม้อ)	-	2	6	-	1	6.70-10.00	100.00

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 18 เมษายน 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1		
<b>Family Pristolepididae</b>							
<i>Pristolepis fasciata</i> (ปลาหมอช้างเหยียบ)	-	-	-	1	1	6.90-7.00	13.00
<b>Order Cypriniformes</b>							
<b>Family Cyprinidae</b>							
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	-	4	1	1	3	7.10-11.00	72.00
<i>Osteochilus lini</i> (ปลาสร้อยนกเขาหน้าหมอง)	-	-	-	-	3	8.00-8.80	22.00
<i>Puntius brevis</i> (ปลาตะเพียนทราย)	-	-	3	4	3	5.70-9.00	44.00
<i>Systomus rubripinnis</i> (ปลาแก้มช้ำ)	-	-	-	-	1	8.50	8.00
<b>Order Osteoglossiformes</b>							
<b>Family Notopteridae</b>							
<i>Notopterus notopterus</i> (ปลาสลัด)	-	1	-	-	-	15.10	22.00
<b>Order Perciformes</b>							
<b>Family Ambassidae</b>							
<i>Parambassis siamensis</i> (ปลาแป้นแก้ว)	-	-	-	1	-	4.20	1.00

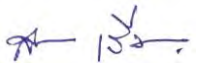
**ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 18 เมษายน 2566) (ต่อ)**


ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)					ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2338394-1	2338395-1	2338398-1	2338399-1	2338400-1		
ชนิดสัตว์น้ำ	-	3	3	4	6	4.20-11.00	274.00
ปริมาณสัตว์น้ำ	-	7	10	7	12		
ดัชนีความหลากหลายสัตว์น้ำ	-	0.9557	0.8980	1.1537	1.6609		

**Sample Location :**

1. สถานี 2338394-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283) สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้
2. สถานี 2338395-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)
3. สถานี 2338398-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)
4. สถานี 2338399-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)
5. สถานี 2338400-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**Condition of Sample :** fishing gear

  
 .....  
 (นายสาโรจน์ เร่มคำริห์)  
 ผู้วิเคราะห์

  
 .....  
 (นายอลงกต อินทรชาติ)  
 หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 18 เมษายน 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	2338401-1	2338402-1	2338403-1	2338404-1	2338411-1
<b>Phylum Annelida</b> <b>Class Clitellata</b> <b>Order Lumbriculida</b> <b>Family Lumbriculidae</b> <i>Lumbriculus</i> sp. (ไส้เดือนน้ำ)	-	-	-	-	475
<b>Phylum Arthropoda</b> <b>Class Insecta</b> <b>Order Diptera</b> <b>Family Chironomidae</b> <i>Chironomus</i> sp. (หนอนแดง)	-	-	104	15	-
<b>Order Ephemeroptera</b> <b>Family Ephemeridae</b> <i>Ephemera</i> sp. (ตัวอ่อนแมลงชีปะขาว)	-	-	30	-	-

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 18 เมษายน 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)				
	2338401-1	2338402-1	2338403-1	2338404-1	2338411-1
<b>Phylum Mollusca</b>					
<b>Class Gastropoda</b>					
<b>Order Architenioglossa</b>					
<b>Family Ampullariidae</b>					
<i>Pomacea</i> sp. (หอยเชอรี่)	-	-	-	-	-
<b>Family Thiariidae</b>					
<i>Melanoides</i> sp. (หอยเจดีย์)	-	45	-	-	-
<b>Family Viviparidae</b>					
<i>Filopaludina</i> sp. (หอยขม)	-	15	15	-	-
<b>Order Neogastropoda</b>					
<b>Family Buccinidae</b>					
<i>Clea</i> sp. (หอยเจดีย์)	-	-	15	-	-
<b>Class Bivalvia</b>					
<b>Order Arcoida</b>					
<b>Family Arcidae</b>					
<i>Scaphula</i> sp. (หอยกาบ)	-	-	30	-	-
<b>Order Unionida</b>					
<b>Family Unionidae</b>					
<i>Pilsbryoconcha</i> sp. (หอยกาบ)	-	15	-	-	-
<i>Scabies</i> sp. (หอยกาบลาย)	-	-	-	15	45
<b>ชนิดสัตว์หน้าดิน</b>	-	3	5	2	2
<b>ปริมาณสัตว์หน้าดิน</b>	-	75	194	30	520
<b>ค่าดัชนีความหลากหลายสัตว์หน้าดิน</b>	-	0.9503	1.3074	0.6931	0.2945

**Sample Location :** 1. สถานี 2338401-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283) สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้

2. สถานี 2338402-1 : BOI2 : คลองโสมหลังไหลผ่านพื้นที่โครงการ (GPS 47P 0773808, 1529245)

3. สถานี 2338403-1 : BOI3 : คลองโสมก่อนไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0773680, 1534504)

4. สถานี 2338404-1 : BOI4 : คลองโสมบริเวณจุดระบายน้ำทิ้ง (GPS 47P 0773953, 1535200)

5. สถานี 2338411-1 : BOI5 : คลองโสมหลังไหลผ่านจุดระบายน้ำทิ้ง ระยะห่าง 1,000 เมตร (GPS 47P 0774355, 1536499)

**Condition of Sample :** contained in one plastic zip bag



(นายอรรถวุฒิ กันทะวงศ์)  
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)  
หัวหน้าสถานีวิจัยประมงศรีราชา



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

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)
	2360655-1
<b>Division Cyanophyta</b> <b>Class Cyanophyceae</b> <b>Order Nostocales</b> <b>Family Oscillatoriaceae</b> 1. <i>Oscillatoria</i> sp. 130,000 2. <i>Oscillatoria tenuis</i> 162,000 <b>Family Nostocaceae</b> 3. <i>Anabaena</i> sp. 16,000 <b>Family Rivulariaceae</b> 4. <i>Calothrix</i> sp. 41,000	
<b>Division Chlorophyta</b> <b>Class Chlorophyceae</b> <b>Order Zygematales</b> <b>Family Desmidiaceae</b> 5. <i>Closterium gracile</i> 16,000	



ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)  
(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)
	2360655-1
<div>6. <i>Staurastrum gracile</i></div> <div>Class Euglenophyceae</div> <div>Order Euglenales</div> <div>Family Euglenaceae</div> <div>7. <i>Euglena acus</i></div> <div>8. <i>Lepocinclis ovum</i></div> <div>9. <i>Phacus hamatus</i></div> <div>10. <i>Phacus</i> sp.</div> <div>11. <i>Trachelomonas hispida</i></div>	<div>65,000</div> <div></div> <div></div> <div></div> <div>8,000</div> <div>65,000</div> <div>8,000</div> <div>73,000</div> <div>130,000</div>
<div>Division Chromophyta</div> <div>Class Bacillariophyceae</div> <div>Order Biddulphiales</div> <div>Suborder Coscinodiscineae</div> <div>Family Thalassiosiraceae</div> <div>12. <i>Cyclotella stelligera</i></div> <div>Order Bacillariales</div> <div>Suborder Fragilariineae</div> <div>Family Fragilariaceae</div> <div>13. <i>Diatoma moniliforme</i></div> <div>Suborder Bacillariineae</div> <div>Family Cymbellaceae</div> <div>14. <i>Anomoeoneis exilis</i></div> <div>Family Naviculaceae</div> <div>15. <i>Gyrosigma scalproides</i></div> <div>16. <i>Navicula</i> sp.</div> <div>17. <i>Pinnularia gibba</i></div>	<div></div> <div></div> <div></div> <div></div> <div>130,000</div> <div></div> <div></div> <div></div> <div>65,000</div> <div></div> <div></div> <div>24,000</div> <div></div> <div>65,000</div> <div>8,000</div> <div>97,000</div>

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)
	2360655-1
<b>Family Rhopalodiaceae</b> 18. <i>Epithemia argus</i> <b>Family Surirellaceae</b> 19. <i>Surirella tenera</i>	 24,000  130,000
ชนิดแพลงก์ตอนพืช	19
ปริมาณแพลงก์ตอนพืช	1,257,000
ดัชนีความหลากหลายแพลงก์ตอนพืช	2.6488
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	0.8996

**Sample Location :** 1. สถานี 2360655-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)

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



(นางสาวกนกวรรณ ขาวดอน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)
	2360655-1
<b>Phylum Protozoa</b>	
<b>Subphylum Plasmodroma</b>	
<b>Class Sarcodina</b>	
<b>Subclass Rhizopoda</b>	
<b>Order Testacida</b>	
<b>Family Arcellidae</b>	
1. <i>Arcella</i> sp.	113,000
2. <i>Arcella vulgaris</i>	162,000
<b>Family Euglyphidae</b>	
3. <i>Euglypha</i> sp.	57,000
<b>Phylum Rotifera</b>	
<b>Class Monogononta</b>	
<b>Order Ploima</b>	
<b>Family Brachionidae</b>	
4. <i>Colurella obtusa</i>	113,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)

(ต่อ)

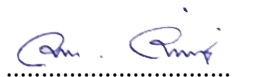
ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)
	2360655-1
5. <i>Lepadella acuminata</i>	65,000
<b>Family Lecanidae</b>	
6. <i>Lecane bulla</i>	57,000
7. <i>Lecane closteroerca</i>	57,000
8. <i>Lecane decipiens</i>	130,000
9. <i>Lecane elegans</i>	49,000
10. <i>Lecane inopinata</i>	113,000
11. <i>Lecane</i> sp.	32,000
12. <i>Lecane stichaea</i>	41,000
<b>Family Notommatidae</b>	
13. <i>Cephalodella gibba</i>	57,000
<b>Class Digononta</b>	
<b>Family Philodinidae</b>	
14. <i>Philodina gregaria</i>	65,000
15. <i>Rotaria rotatoria</i>	41,000
<b>Phylum Arthropoda</b>	
<b>Class Crustacea</b>	
<b>Subclass Copepoda</b>	
16. Copepod nautilus	16,000
ชนิดแพลงก์ตอนสัตว์	16
ปริมาณแพลงก์ตอนสัตว์	1,168,000
ดัชนีความหลากหลายแพลงก์ตอนสัตว์	2.6328
ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์	0.9496

Sample Location : 1. สถานี 2360655-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)

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



(นางสาวกนกวรรณ ขาวดอน)  
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)  
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

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

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

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รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 27 พฤษภาคม 2566)


ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)	ช่วงขนาด	น้ำหนักรวม
	2360655-1	(ซม.)	(กรัม)
Phylum Chordata			
Class Actinopterygii			
Order Cypriniformes			
Family Cyprinidae			
<i>Esomus metallicus</i> (ปลาชิวหนวดขาว)	2	7.00-7.70	6.00


ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 27 พฤษภาคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)	ช่วงขนาด	น้ำหนักรวม
	2360655-1	(ซม.)	(กรัม)
<b>Order Perciformes</b> <b>Family Ambassidae</b> <i>Parambassis siamensis</i> (ปลาเป็นแก้ว)	1	4.80	1.80
ชนิดสัตว์น้ำ	2	4.80-7.70	7.80
ปริมาณสัตว์น้ำ	3		
ดัชนีความหลากหลายสัตว์น้ำ	0.6365		

Sample Location : 1. สถานี 2360655-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ (GPS 47P 0774320, 1528283)

Condition of Sample : fishing gear

  
 (นายอรรถวุฒิ กันทะวงศ์)  
 ผู้วิเคราะห์

  
 (นายอลงกต อินทรชาติ)  
 หัวหน้าสถานีวิจัยประมงศรีราชา



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

Client : Rojana Industrial Park Prachinburi Co., Ltd.

Address : 141 Moo12 Tambol Hua-Wa, Amphur Sirmahaphot, Prachinburi, Thailand, 25140

Project Name : Prachinburi

#### รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 27 พฤษภาคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)
	2360657-1
Phylum Mollusca Class Gastropoda Order Architaenioglossa Family Viviparidae <i>Filopaludina</i> sp. (หอยขม)	30
ชนิดสัตว์หน้าดิน	1
ปริมาณสัตว์หน้าดิน	30
ค่าดัชนีความหลากหลายสัตว์หน้าดิน	0.0000

Sample Location : 1. สถานี 2360657-1 : BOI1 : คลองโสมก่อนไหลผ่านพื้นที่โครงการ  
(GPS 47P 0774320, 1528283)

Condition of Sample : contained in one plastic zip bag

อรรถวุฒิ กันทะวงศ์

(นายอรรถวุฒิ กันทะวงศ์)  
ผู้วิเคราะห์

อ. อธิ

(นายอลงกต อินทชาติ)  
หัวหน้าสถานีวิจัยประมงศรีราชา