ภาคผนวก ค-04

คุณภาพน้ำผิวดิน

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name :Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-1
Sampled Date	Mar 30, 2023 9:55 AM
Sample Description	Surface Water
Location	ห้วยฦไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	2.31	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.01	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.010	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.01	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.02	≤0.10	≤0.10	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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Dej Changchon
Senior Manager

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name :Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-1
Sampled Date	Mar 30, 2023 9:55 AM
Sample Description	Surface Water
Location	ห้วยฦไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.09	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	49000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	240000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	3.92	≤0.5	≤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	3.0	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Dej Changchon
Senior Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-1
Sampled Date	Mar 30, 2023 9:55 AM
Sample Description	Surface Water
Location	ห้วยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	4.8	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.78	≤5	≤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	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	30.3	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-2
Sampled Date	Mar 30, 2023 9:50 AM
Sample Description	Surface Water
Location	ห้วยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	1.90	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.01	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.006	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.007	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-2
Sampled Date	Mar 30, 2023 9:50 AM
Sample Description	Surface Water
Location	ห้วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.05	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	13000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	49000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	2.30	≤0.5	≤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	3.1	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-2
Sampled Date	Mar 30, 2023 9:50 AM
Sample Description	Surface Water
Location	ห้วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.60	≤5	≤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	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤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	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ จ-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ จ-204-จ-7830

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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name :Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-3
Sampled Date	Mar 30, 2023 9:25 AM
Sample Description	Surface Water
Location	หัวยกุไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	2.22	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.010	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.007	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.009	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	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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Senior Manager

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name :Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-3
Sampled Date	Mar 30, 2023 9:25 AM
Sample Description	Surface Water
Location	หัวยกุไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.06	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	7900.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	110000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	2.11	≤0.5	≤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	3.2	≤2	≤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	≤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

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Senior Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-3
Sampled Date	Mar 30, 2023 9:25 AM
Sample Description	Surface Water
Location	ห้วยกุไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	4.8	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.52	≤5	≤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	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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	28.7	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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

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Dej Changchon
Senior Manager

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-4
Sampled Date	Mar 30, 2023 9:00 AM
Sample Description	Surface Water
Location	ห้วยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	2.98	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.010	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.008	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.01	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	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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Senior Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-4
Sampled Date	Mar 30, 2023 9:00 AM
Sample Description	Surface Water
Location	ห้วยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.07	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	17000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	79000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	1.98	≤0.5	≤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	2.1	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Senior Manager

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2322154
Date Received : Mar 30, 2023
Date Reported : Apr 06, 2023
Report Number : 2579308-1

Sample Number	2322154-4
Sampled Date	Mar 30, 2023 9:00 AM
Sample Description	Surface Water
Location	ห้วยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Mar 30, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	4.4	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.74	≤5	≤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	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	28.3	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348962
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-1
Sampled Date	May 16, 2023 11:10 AM
Sample Description	Surface Water
Location	หัวยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	1.91	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.007	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.004	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.009	≤0.10	≤0.10	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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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348962
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-1
Sampled Date	May 16, 2023 11:10 AM
Sample Description	Surface Water
Location	หัวยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.02	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	13000.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	17000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.29	≤0.5	≤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	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-1
Sampled Date	May 16, 2023 11:10 AM
Sample Description	Surface Water
Location	หัวยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	6.2	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	2.18	≤5	≤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		-	-	7.6	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	29.2	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-8592

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

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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-2
Sampled Date	May 16, 2023 10:35 AM
Sample Description	Surface Water
Location	หัวยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	1.09	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.005	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.002	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.003	≤0.10	≤0.10	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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Approved by

Narumon Banchongkit
Supervisor

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348962
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-2
Sampled Date	May 16, 2023 10:35 AM
Sample Description	Surface Water
Location	ห่วยกุไหรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.01	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	3300.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	13000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.28	≤0.5	≤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	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348962
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number	2348962-2
Sampled Date	May 16, 2023 10:35 AM
Sample Description	Surface Water
Location	ห่วยกุไหรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	7.1	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.39	≤5	≤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	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	0.003	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	28.6	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-8592

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.

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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Narumon Banchongkit
Supervisor

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Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023

Date Reported : May 23, 2023

Report Number : 2637726-1

Sample Number	2348962-3
Sampled Date	May 16, 2023 9:45 AM
Sample Description	Surface Water
Location	หัวยฮุไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Aluminium	mg/L	0.003	0.005	0.11	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Arsenic	mg/L	0.0003	0.0005	0.003	≤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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	≤0.10	≤0.10	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	≤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	0.002	≤0.05	≤0.05	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	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Nickel	mg/L	0.0003	0.0005	0.06	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023

Date Reported : May 23, 2023

Report Number : 2637726-1

Sample Number	2348962-3
Sampled Date	May 16, 2023 9:45 AM
Sample Description	Surface Water
Location	หัวยฮุไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	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	0.06	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	4900.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	33000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.20	≤0.5	≤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	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023

Date Reported : May 23, 2023

Report Number : 2637726-1

Sample Number	2348962-3
Sampled Date	May 16, 2023 9:45 AM
Sample Description	Surface Water
Location	หัวยกุโทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	5.1	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.09	≤5	≤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		-	-	8.4	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	30.4	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-8592

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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Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023

Date Reported : May 23, 2023

Report Number : 2637726-1

Sample Number	2348962-4
Sampled Date	May 16, 2023 10:10 AM
Sample Description	Surface Water
Location	หัวยกุโทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะทางประมาณ 500 เมตร (SW4)
Date Analysis Commenced	May 16, 2023
Condition of Sample	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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Aluminium	mg/L	0.003	0.005	15.0	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Arsenic	mg/L	0.0003	0.0005	0.01	≤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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.02	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.04	≤0.05	≤0.05	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	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Nickel	mg/L	0.0003	0.0005	0.03	≤0.10	≤0.10	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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Narumon Banchongkit
Supervisor

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Life Sciences www.alsglobal.com
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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number 2348962-4

Sampled Date May 16, 2023 10:10 AM

Sample Description Surface Water

Location ห้วยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)

Date Analysis Commenced May 16, 2023

Condition of Sample 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 (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	0.02	No Standard	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	0.25	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	7900.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	22000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.76	≤0.5	≤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	≤2	≤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	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong

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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140

P/O :

Project Name : Pluak Daeng

Project Location :

Lot ID: 2348962

Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number : 2637726-1

Sample Number 2348962-4

Sampled Date May 16, 2023 10:10 AM

Sample Description Surface Water

Location ห้วยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)

Date Analysis Commenced May 16, 2023

Condition of Sample 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 (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	7.7	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.06	≤5	≤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	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	30.6	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-8592

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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- 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

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-1
Sampled Date	Jun 15, 2023 10:15 AM
Sample Description	Surface Water
Location	ห้วยฦไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	0.43	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.003	≤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
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.002	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.03	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-1
Sampled Date	Jun 15, 2023 10:15 AM
Sample Description	Surface Water
Location	ห้วยฦไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	<0.0005	No Standard	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	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.04	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	700.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	7000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	1.00	≤0.5	≤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	≤2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤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

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Supervisor

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-1
Sampled Date	Jun 15, 2023 10:15 AM
Sample Description	Surface Water
Location	ห้วยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ ระยะห่างประมาณ 500 เมตร (SW1)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	8.4	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	4.71	≤5	≤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		-	-	7.8	5.0-9.0	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	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	32.1	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

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

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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-2
Sampled Date	Jun 15, 2023 9:50 AM
Sample Description	Surface Water
Location	ห้วยกุไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	0.46	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.006	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.002	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	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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Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-2
Sampled Date	Jun 15, 2023 9:50 AM
Sample Description	Surface Water
Location	หัวยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.05	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	3300.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	33000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	1.31	≤0.5	≤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	≤2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-2
Sampled Date	Jun 15, 2023 9:50 AM
Sample Description	Surface Water
Location	หัวยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SW2)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	7.0	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	4.61	≤5	≤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		-	-	7.8	5.0-9.0	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	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	30.7	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

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

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

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-3
Sampled Date	Jun 15, 2023 9:30 AM
Sample Description	Surface Water
Location	หัวยภูไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	0.57	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.006	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.003	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.001	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.02	≤0.10	≤0.10	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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Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-3
Sampled Date	Jun 15, 2023 9:30 AM
Sample Description	Surface Water
Location	หัวยภูไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.02	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	1700.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	13000.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.65	≤0.5	≤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	≤2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	≤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

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
Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-3
Sampled Date	Jun 15, 2023 9:30 AM
Sample Description	Surface Water
Location	ห้วยฮูไทรจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SW3)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	4.25	≤5	≤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		-	-	7.8	5.0-9.0	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	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	30.0	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

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

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

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
Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-4
Sampled Date	Jun 15, 2023 10:35 AM
Sample Description	Surface Water
Location	ห้วยฮูไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Aluminium	mg/L	0.003	0.005	0.29	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Arsenic	mg/L	0.0003	0.0005	0.006	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
[A] Lead	mg/L	0.0003	0.0005	0.0007	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.01	≤0.10	≤0.10	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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Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-4
Sampled Date	Jun 15, 2023 10:35 AM
Sample Description	Surface Water
Location	หัวยฎไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
[A] Silver	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.03	≤1	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing								
[A] Fecal Coliform	MPN/100mL	-	-	240.0	≤4000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Bangkok
[A] Total Coliform	MPN/100mL	-	-	490.0	≤20000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	0.54	≤0.5	≤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	≤2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	≤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

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Approved by
Narumon Banchongkit
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-004/066
Project Name : Pluak Daeng
Project Location :

Lot ID: 2358103
Date Received : Jun 15, 2023
Date Reported : Jun 23, 2023
Report Number : 2657051-1

Sample Number	2358103-4
Sampled Date	Jun 15, 2023 10:35 AM
Sample Description	Surface Water
Location	หัวยฎไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SW4)
Date Analysis Commenced	Jun 15, 2023
Condition of Sample	Contained in two glass vials, seven plastic bottles and one BOD bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Dissolved Oxygen *	mg/L	-	0.1	5.7	≥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	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	3.54	≤5	≤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		-	-	7.7	5.0-9.0	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	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D	Rayong
Temperature *	Degree C	-	-	31.3	(c)	(c)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

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

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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- 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 Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location :

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-1

Sample Number	2245518-1
Sampled Date	Dec 22, 2022 11:20 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศเหนือ (GW1)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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

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

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

Technical Management
Narumon Banchongkit
Supervisor
ทะเบียนเลขที่ ว-323-จ-9445

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

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

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location :

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-2

Sample Number	2245518-1
Sampled Date	Dec 22, 2022 11:20 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศเหนือ (GW1)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.0009	≤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	0.12	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
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	0.001	≤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	0.05	≤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	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	0.004	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-4709

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

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

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-2

Sample Number	2245518-1
Sampled Date	Dec 22, 2022 11:20 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศเหนือ (GW1)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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

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

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 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 Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-3

Sample Number	2245518-1
Sampled Date	Dec 22, 2022 11:20 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศเหนือ (GW1)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/L	0.003	0.005	0.87	No Standard	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	0.0006	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.85	No Standard	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
Microbiological Testing							
Escherichia coli	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	33	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B)	Rayong

Approved by SithichokT.
Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-3

Sample Number	2245518-1
Sampled Date	Dec 22, 2022 11:20 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศเหนือ (GW1)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Color *	Color unit	-	5	<5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Rayong
Fluoride *	mg/L	-	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
Nitrate as N *	mg/L	0.015	0.05	1.41	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
Permanent Hardness as CaCO3 *	mg/L	-	1	20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Sulfate *	mg/L	0.6	2	10.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E)	Rayong
Total Alkalinity as CaCO3 *	mg/L	-	1	20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	137	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Hardness as CaCO3 *	mg/L	-	1	40	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C	Bangkok
Turbidity *	NTU	-	0.1	33.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

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

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Approved by Sithichok T.
Sithichok Thongnguen
Scientist (3)

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532844-3

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

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by Sithichok T.
Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532845-1

Sample Number	2245518-2
Sampled Date	Dec 22, 2022 9:50 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศใต้ (GW2)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

Guideline : Notification of the National Environmental Board, No. 20, B.E.2543
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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

Technical Management
Narumon Banchongkit
Supervisor
ทะเบียนเลขที่ ว-323-จ-9445

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

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Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532845-2

Sample Number	2245518-2
Sampled Date	Dec 22, 2022 9:50 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศใต้ (GW2)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
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
Barium	mg/L	0.0003	0.0005	0.36	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
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	0.99	≤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	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	0.002	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-4709

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

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

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532845-2

Sample Number	2245518-2
Sampled Date	Dec 22, 2022 9:50 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศใต้ (GW2)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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

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

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

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

Technical Management
Sawitree N.
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-4709

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

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No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532845-3

Sample Number	2245518-2
Sampled Date	Dec 22, 2022 9:50 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศใต้ (GW2)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/L	0.003	0.005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
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
Iron	mg/L	0.003	0.005	0.80	No Standard	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
Microbiological Testing							
Escherichia coli	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	73	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	66	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B)	Rayong

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Approved by
Siriluk P.
Siriluk Puengpang
Supervisor

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532845-3

Sample Number	2245518-2
Sampled Date	Dec 22, 2022 9:50 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวด้านทิศใต้ (GW2)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Color *	Color unit	-	5	<5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Rayong
Fluoride *	mg/L	-	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
Nitrate as N *	mg/L	0.015	0.05	0.82	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
Permanent Hardness as CaCO3 *	mg/L	-	1	65	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Sulfate *	mg/L	0.6	2	90.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E)	Rayong
Total Alkalinity as CaCO3 *	mg/L	-	1	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	240	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Hardness as CaCO3 *	mg/L	-	1	73	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C	Bangkok
Turbidity *	NTU	-	0.1	2.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

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

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Siriluk Puengpang
Supervisor

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532845-3

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

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Siriluk Puengpang
Supervisor

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location :

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532847-1

Sample Number	2245518-4
Sampled Date	Dec 22, 2022 10:40 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวดานทัศตะวันตก (GW4)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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

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

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

Technical Management
Narumon Banchongkit
Supervisor
ทะเบียนเลขที่ ว-323-จ-9445

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

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location :

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532847-2

Sample Number	2245518-4
Sampled Date	Dec 22, 2022 10:40 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวดานทัศตะวันตก (GW4)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.02	≤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	0.20	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
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	0.002	≤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	2.51	≤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	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	0.003	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Technical Management
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-4709

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

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

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532847-2

Sample Number	2245518-4
Sampled Date	Dec 22, 2022 10:40 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวดานทัศตะวันตก (GW4)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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

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

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 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 Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532847-3

Sample Number	2245518-4
Sampled Date	Dec 22, 2022 10:40 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวดานทัศตะวันตก (GW4)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/L	0.003	0.005	2.79	No Standard	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
Iron	mg/L	0.003	0.005	32.0	No Standard	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
Microbiological Testing							
Escherichia coli	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	69	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B)	Rayong

Approved by Siriluk P.
Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532847-3

Sample Number	2245518-4
Sampled Date	Dec 22, 2022 10:40 AM
Sample Description	Underground Water
Location	พื้นที่สีเขียวดานทิศตะวันตก (GW4)
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Color *	Color unit	-	5	200	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Rayong
Fluoride *	mg/L	-	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
Nitrate as N *	mg/L	0.015	0.05	<0.05	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
Permanent Hardness as CaCO3 *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Sulfate *	mg/L	0.6	2	8.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E)	Rayong
Total Alkalinity as CaCO3 *	mg/L	-	1	60	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	176	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Hardness as CaCO3 *	mg/L	-	1	48	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C	Bangkok
Turbidity *	NTU	-	0.1	190	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

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

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Approved by Siriluk P.
Siriluk Puengpang
Supervisor

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532847-3

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

Remark :
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Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532848-1

Sample Number	2245518-5
Sampled Date	Dec 22, 2022 2:00 PM
Sample Description	Underground Water
Location	ม.5 บ้านวังตาลหม่อน
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
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
Arsenic	mg/L	0.0003	0.0005	0.0008	≤0.05	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	0.22	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	≤0.01	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	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Iron	mg/L	0.003	0.005	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
Lead	mg/L	0.0003	0.0005	0.001	≤0.05	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	≤0.50	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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Siriluk Puengpang
Supervisor

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532848-1

Sample Number	2245518-5
Sampled Date	Dec 22, 2022 2:00 PM
Sample Description	Underground Water
Location	ม.5 บ้านวังตาลหม่อน
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.001	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	0.001	No Standard	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	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Escherichia coli	MPN/100mL	-	-	17.0	Not Detected (1)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	82	≤500 (1)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Bangkok

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Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532848-1

Sample Number	2245518-5
Sampled Date	Dec 22, 2022 2:00 PM
Sample Description	Underground Water
Location	ม.5 บ้านวังตาลหม่อน
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	49.0	<2.2 (1)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	14	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B)	Rayong
Color *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Rayong
Fluoride *	mg/L	-	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
Nitrate as N *	mg/L	0.015	0.05	8.83	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
Permanent Hardness as CaCO3 *	mg/L	-	1	29	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
pH at 25 degree C *		-	-	6.4	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Sulfate *	mg/L	0.6	2	11.4	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E)	Rayong
Total Alkalinity as CaCO3 *	mg/L	-	1	23	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok

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Siriluk Puengpang
Supervisor

Analysis / Test Report

TESTING
No.0009

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 04, 2023
Report Number : 2532848-1

Sample Number	2245518-5
Sampled Date	Dec 22, 2022 2:00 PM
Sample Description	Underground Water
Location	ม.5 บ้านวังตาลหม่อน
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	124	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Hardness as CaCO3 *	mg/L	-	1	52	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ จ-323-จ-9460

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

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O : RJN(2)-019/64
Project Name : Pluak Daeng
Project Location:

Lot ID: 2245518
Date Received : Dec 22, 2022
Date Reported : Jan 03, 2023
Report Number : 2532848-3

Sample Number	2245518-5
Sampled Date	Dec 22, 2022 2:00 PM
Sample Description	Underground Water
Location	ม.5 บ้านวังตาลหม่อน
Date Analysis Commenced	Dec 23, 2022
Condition of Sample	Contained in two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.0007	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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

ภาคผนวก ค-06

ชีวภาพทางน้ำ

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

Client : Rojana Industrial Park Rayong 2 Co., Ltd.

Address : 54/5 Moo 1 Map Yang Phon, Pluak Daeng, Rayong, Thailand, 21140

Project Name : Pluak Daeng

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Division Cyanophyta				
Class Cyanophyceae				
Order Chroococcales				
Family Chroococcaceae				
1. *Microcystis aeruginosa*	-	32,000	398,000	-
Order Nostocales				
Family Oscillatoriaceae				
2. *Lyngbya* sp.	-	11,000	-	935,000
3. *Oscillatoria brevis*	-	-	208,000	-
4. *Oscillatoria planctonica*	-	-	26,245,000	-
5. *Oscillatoria* sp.	764,000	626,000	634,000	71,000
6. *Oscillatoria tenuis*	-	-	434,000	516,000
Family Nostocaceae				
7. *Anabaena* sp.	-	-	18,000	3,026,000
8. *Raphidiopsis* sp.	-	-	-	134,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Family Rivulariaceae				
9. *Calothrix parietana*	29,000	108,000	-	-
Division Chlorophyta				
Class Chlorophyceae				
Order Volvocales				
Family Volvocaceae				
10. *Eudorina elegans*	3,056,000	2,160,000	1,358,000	71,000
11. *Pandorina morum*	3,104,000	3,456,000	-	445,000
12. *Volvox aureus*	29,000	43,000	18,000	-
Order Chlorococcales				
Family Hydrodictyaceae				
13. *Pediastrum duplex*	115,000	76,000	-	9,000
Family Coelastraceae				
14. *Coelastrum microporum*	-	22,000	136,000	-
15. *Coelastrum* sp.	48,000	-	-	-
Family Oocystaceae				
16. *Selenastrum gracile*	191,000	-	-	-
17. *Tetraedron gracile*	29,000	32,000	-	-
18. *Tetraedron trigonum*	19,000	-	-	-
Family Scenedesmaceae				
19. *Actinastrum gracillimum*	439,000	43,000	-	-
20. *Micractinium bornhemiense*	-	97,000	-	-
21. *Micractinium pusillum*	96,000	22,000	109,000	142,000
22. *Micractinium quadrisetum*	-	-	163,000	-
23. *Scenedesmus arcuatus*	-	-	54,000	36,000
24. *Scenedesmus armatus*	306,000	-	72,000	98,000
25. *Scenedesmus dimorphus*	38,000	119,000	45,000	249,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
26. *Scenedesmus opoliensis*	1,910,000	475,000	724,000	1,780,000
27. *Scenedesmus* sp.	-	-	81,000	-
Order Ulotrichales				
Family Ulotrichaceae				
28. *Geminella* sp.	-	22,000	-	-
29. *Ulothrix* sp.	-	22,000	36,000	-
Order Zygematales				
Family Desmidiaceae				
30. *Closterium acerosum*	-	-	-	9,000
31. *Closterium ehrenbergii*	19,000	-	-	36,000
32. *Closterium gracile*	38,000	-	-	-
33. *Closterium* sp.	29,000	-	-	-
34. *Cosmarium* sp.	-	-	-	9,000
35. *Staurastrum gracile*	143,000	-	-	-
36. *Staurastrum manfeldtii*	143,000	-	-	-
Class Euglenophyceae				
Order Euglenales				
Family Euglenaceae				
37. *Euglena acus*	6,303,000	3,672,000	-	1,157,000
38. *Euglena oxyuris*	277,000	270,000	9,000	71,000
39. *Euglena viridis*	143,000	119,000	-	62,000
40. *Lepocinclis acicularis*	-	108,000	-	-
41. *Lepocinclis ovum*	573,000	864,000	-	481,000
42. *Phacus angulatus*	-	-	-	80,000
43. *Phacus hamatus*	306,000	896,000	-	890,000
44. *Phacus longicauda*	29,000	205,000	-	45,000
45. *Phacus myersi*	86,000	162,000	-	151,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
46. *Phacus platalea*	506,000	97,000	-	534,000
47. *Phacus ranula*	38,000	140,000	-	98,000
48. *Phacus* sp.	38,000	-	-	-
49. *Phacus torta*	239,000	346,000	-	498,000
50. *Strombomonas australica*	7,640,000	1,188,000	36,000	979,000
51. *Strombomonas fluviatilis*	38,993,000	6,048,000	154,000	6,052,000
52. *Strombomonas gibberosa*	5,921,000	1,296,000	-	1,513,000
53. *Strombomonas girardiana*	3,247,000	3,240,000	109,000	668,000
54. *Trachelomonas conica*	420,000	972,000	-	62,000
55. *Trachelomonas crebea*	21,488,000	15,120,000	679,000	9,256,000
56. *Trachelomonas hispida*	35,020,000	16,632,000	145,000	7,120,000
57. *Trachelomonas lacustris*	86,000	130,000	-	107,000
58. *Trachelomonas lismorensis*	-	11,000	-	-
59. *Trachelomonas similis*	478,000	648,000	27,000	623,000
60. *Trachelomonas volzii*	669,000	97,000	-	71,000
Division Chromophyta				
Class Bacillariophyceae				
Order Biddulphiales				
Suborder Coscinodiscineae				
Family Thalassiosiraceae				
61. *Cyclotella stelligera*	-	86,000	27,000	739,000
Family Aulacoseiraceae				
62. *Aulacoseira baicalensis*	860,000	227,000	45,000	36,000
Order Bacillariales				
Suborder Fragilariineae				
Family Fragilariaceae				
63. *Fragilaria capucina*	267,000	76,000	127,000	178,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
64. *Synedra ulna*	67,000	194,000	-	27,000
Suborder Bacillariineae				
Family Eunotiaceae				
65. *Eunotia lineolata*	19,000	-	18,000	18,000
66. *Eunotia pectinalis*	19,000	-	-	-
Family Cymbellaceae				
67. *Gomphonema parvulum*	430,000	-	-	-
Family Naviculaceae				
68. *Craticula cuspidata*	29,000	-	-	-
69. *Frustulia vulgaris*	-	11,000	-	18,000
70. *Gyrosigma attenuatum*	10,000	-	-	-
71. *Gyrosigma scalproides*	153,000	-	-	-
72. *Navicula cuspidata*	-	-	63,000	18,000
73. *Pinnularia gibba*	19,000	-	36,000	89,000
74. *Pinnularia* sp.	-	65,000	-	-
Family Bacillariaceae				
75. *Nitzschia lorenziana*	-	43,000	-	-
76. *Nitzschia palea*	-	-	-	53,000
77. *Nitzschia reversa*	-	216,000	-	-
78. *Nitzschia sigmoidea*	-	32,000	-	-
Family Rhopalodiaceae				
79. *Epithemia argus*	10,000	-	-	-
Family Surirellaceae				
80. *Surirella elegans*	-	11,000	-	-
81. *Surirella robusta*	67,000	11,000	45,000	36,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Class Crysophyceae				
Order Synurales				
Family Mallomonadaceae				
82. *Mallomonas litomesa*	105,000	6,264,000	-	-
Class Dinophyceae				
Order Gonyaulacalea				
Family Ceratiaceae				
83. *Ceratium hirundinella*	38,000	-	-	-
ชนิดแพลงก์ตอนพืช	**55**	**51**	**31**	**47**
ปริมาณแพลงก์ตอนพืช	**135,138,000**	**66,863,000**	**32,253,000**	**39,296,000**
ดัชนีความหลากหลายแพลงก์ตอนพืช	**2.1411**	**2.4459**	**0.9780**	**2.5763**
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	**0.5343**	**0.6221**	**0.2848**	**0.6691**

Sample Location :
1. สถานี 2348963-1 : ห้วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการประมาณ 500 เมตร (Bio1)
2. สถานี 2348963-2 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (Bio2)
3. สถานี 2348963-3 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (Bio3)
4. สถานี 2348963-4 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (Bio4)

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 Rayong 2 Co., Ltd.

Address : 54/5 Moo 1 Map Yang Phon, Pluak Daeng, Rayong, Thailand, 21140

Project Name : Pluak Daeng

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Phylum Protozoa				
Subphylum Plasmodroma				
Class Sarcodina				
Subclass Rhizopoda				
Order Testacida				
Family Arcellidae				
1. *Arcella vulgaris*	-	43,000	9,000	205,000
Family Difflugiidae				
2. *Difflugia acuminata*	105,000	-	-	-
3. *Difflugia lobostoma*	10,000	-	-	-
Family Euglyphidae				
4. *Euglypha acanthophora*	-	-	-	27,000
5. *Euglypha* sp.	-	-	9,000	18,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Subphylum Ciliophora				
Class Ciliata				
Subclass Holotricha				
Order Gymnostomatida				
6. *Coleps* sp.	19,000	54,000	36,000	-
7. *Didinium* sp.	10,000	-	36,000	-
Subclass Spirotricha				
Order Tintinnida				
Family Codonellidae				
8. *Tintinnopsis* sp.	38,000	-	-	-
Subclass Peritricha				
Order Peritrichida				
9. *Vorticella* sp.	-	-	63,000	-
Phylum Rotifera				
Class Monogononta				
Order Ploima				
Family Brachionidae				
10. *Anuraeopsis fissa*	-	11,000	49,000	-
11. *Brachionus angularis*	19,000	-	-	-
12. *Brachionus calyciflorus*	-	-	63,000	-
13. *Brachionus* sp.	-	-	-	27,000
14. *Colurella obtusa*	10,000	-	9,000	-
15. *Dipleuchlanis propatula*	-	-	-	9,000
16. *Keratella vulga*	10,000	-	-	-
17. *Lepadella acuminata*	-	-	36,000	-
18. *Lepadella patella*	-	-	9,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Family Lecanidae				
19. *Lecane bulla*	-	11,000	-	-
20. *Lecane elegans*	-	11,000	27,000	-
21. *Lecane stichaea*	-	-	9,000	-
Family Notommatidae				
22. *Cephalodella forficula*	76,000	11,000	-	-
23. *Cephalodella gibba*	67,000	292,000	2,896,000	80,000
Family Tricocercidae				
24. *Trichocerca pusilla*	210,000	22,000	9,000	9,000
25. *Trichocerca similis*	10,000	-	-	-
Family Asplanchnidae				
26. *Asplanchna priodonta*	10,000	43,000	398,000	9,000
27. *Asplanchna sieboldi*	10,000	-	-	-
Family Synchaetidae				
28. *Polyarthra dolichoptera*	57,000	22,000	-	9,000
29. *Polyarthra vulgaris*	57,000	32,000	-	62,000
Order Floscullariaceae				
Family Testudinellidae				
30. *Testudinella patina*	10,000	11,000	-	-
Class Digononta				
Family Philodinidae				
31. *Philodina* sp.	38,000	22,000	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)			
	2348963-1	2348963-2	2348963-3	2348963-4
Phylum Arthropoda				
Class Crustacea				
Subclass Branchiopoda				
Order Diplostraca				
Suborder Cladocera				
Family Moinidae				
32. *Moina macrocopa*	-	-	54,000	-
Family Chydoridae				
33. *Acroperus harpae*	-	11,000	-	-
Subclass Copepoda				
34. Copepod naulius	220,000	54,000	579,000	62,000
Order Cyclopoida				
35. Cyclopoid copepod	10,000	-	9,000	-
ชนิดแพลงก์ตอนสัตว์	**20**	**15**	**18**	**11**
ปริมาณแพลงก์ตอนสัตว์	**996,000**	**650,000**	**4,300,000**	**517,000**
ดัชนีความหลากหลายแพลงก์ตอนสัตว์	**2.4203**	**2.0384**	**1.2285**	**1.8716**
ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์	**0.8079**	**0.7527**	**0.4250**	**0.7805**

Sample Location :

1. สถานี 2348963-1 : ห้วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการประมาณ 500 เมตร (Bio1)
2. สถานี 2348963-2 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (Bio2)
3. สถานี 2348963-3 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (Bio3)
4. สถานี 2348963-4 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (Bio4)

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

Client : Rojana Industrial Park Rayong 2 Co., Ltd.

Address : 54/5 Moo 1 Map Yang Phon, Pluak Daeng, Rayong, Thailand, 21140

Project Name : Pluak Daeng

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 พฤษภาคม 2566)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)				ช่วงขนาด	น้ำหนักรวม
	2348963-1	2348963-2	2348963-3	2348963-4	(ซม.)	(กรัม)
Phylum Chordata						
Class Actinopterygii						
Order Anabantiformes						
Family Channidae						
Channa striata (ปลาช่อน)	-	-	1	-	10.10	9.00

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

(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

(นางสาวกนกวรรณ ขาวอ่อน)
ผู้วิเคราะห์

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 พฤษภาคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)				ช่วงขนาด	น้ำหนักรวม
	2348963-1	2348963-2	2348963-3	2348963-4	(ซม.)	(กรัม)
ชนิดสัตว์น้ำ	6	3	7	4	4.30-16.50	526.00
ปริมาณสัตว์น้ำ	15	7	10	8		
ดัชนีความหลากหลายสัตว์น้ำ	1.6217	0.7963	1.8344	1.3209		

Sample Location : 1. สถานี 2348963-1 : ห้วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการประมาณ 500 เมตร (Bio1)
2. สถานี 2348963-2 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (Bio2)
3. สถานี 2348963-3 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (Bio3)
4. สถานี 2348963-4 : ห้วยภูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (Bio4)

Condition of Sample : fishing gear

(นายสาโรจน์ เริ่มดำริห์)
ผู้วิเคราะห์

(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 16 พฤษภาคม 2566) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)				ช่วงขนาด	น้ำหนักรวม
	2348963-1	2348963-2	2348963-3	2348963-4	(ซม.)	(กรัม)
Family Osphronemidae						
Trichopodus trichopterus (ปลากระดี่หม้อ)	-	-	1	2	8.00-9.20	30.00
Order Cichliformes						
Family Cichlidae						
Oreochromis niloticus (ปลานิล)	2	1	3	3	5.70-16.50	223.00
Order Cypriniformes						
Family Cyprinidae						
Cyclocheilichthys apogon (ปลาไส้ตันตาแดง)	2	-	1	-	9.70-12.80	46.00
Labiobarbus leptocheilus (ปลาซ่า)	-	-	2	-	9.20-9.70	15.00
Mystacoleucus marginatus (ปลาหนามหลัง)	6	5	-	-	7.50-12.80	178.00
Puntius brevis (ปลาตะเพียนทราย)	2	-	-	-	6.00-6.60	6.00
Rasbora paviana (ปลาซิวควายแถบดำ)	1	-	1	2	6.60-7.20	14.00
Order Perciformes						
Family Ambassidae						
Parambassis siamensis (ปลาแป้นแก้ว)	2	1	1	1	4.30-4.90	5.00

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

Client : Rojana Industrial Park Rayong 2 Co., Ltd.

Address : 54/5 Moo 1 Map Yang Phon, Pluak Daeng, Rayong, Thailand, 21140

Project Name : Pluak Daeng

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)			
	2348970-1	2348970-2	2348970-3	2348970-4
Phylum Annelida				
Class Clitellata				
Order Lumbriculida				
Family Lumbriculidae				
Lumbriculus sp. (ไส้เดือนน้ำ)	904	223	741	149
Order Tubificida				
Family Naididae				
Branchiura sp. (ไส้เดือนน้ำ)	1,112	341	771	134
Tubifex sp. (ไส้เดือนน้ำ)	75	-	-	-
Phylum Arthropoda				
Class Insecta				
Order Diptera				
Family Ceratopogonidae				
Culicoides sp. (ตัวอ่อนริ้นเข็ม)	-	15	-	-
Family Chironomidae				
Chironomus sp. (หนอนแดง)	-	15	-	15

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 16 พฤษภาคม 2566) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)			
	2348970-1	2348970-2	2348970-3	2348970-4
Phylum Mollusca				
Class Gastropoda				
Order Architenioglossa				
Family Bithyniidae				
Bithynia sp. (หอยไซ)	-	45	-	-
Family Thiaridae				
Melanoides sp. (หอยเจดีย์)	-	-	15	178
Order Neogastropoda				
Family Buccinidae				
Clea sp. (หอยเจดีย์)	-	-	15	-
ชนิดสัตว์หน้าดิน	**3**	**5**	**4**	**4**
ปริมาณสัตว์หน้าดิน	**2,091**	**639**	**1,542**	**476**
ค่าดัชนีความหลากหลายสัตว์หน้าดิน	**0.8177**	**1.0655**	**0.7889**	**1.1972**

Sample Location : 1. สถานี 2348970-1 : ห้วยกูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการประมาณ 500 เมตร (Bio1)
2. สถานี 2348970-2 : ห้วยกูไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (Bio2)
3. สถานี 2348970-3 : ห้วยกูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (Bio3)
4. สถานี 2348970-4 : ห้วยกูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (Bio4)

Condition of Sample : contained in one plastic zip bag

(นายอรรถวุฒิ กันทะวงศ์)
ผู้วิเคราะห์

(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

ภาคผนวก ค-07

โลหะหนักในตะกอนดิน

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-1
Sampled Date	May 16, 2023 11:20 AM
Sample Description	ตะกอนดิน
Location	ห่วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการระยะห่างประมาณ 500 เมตร (SD1)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	5853	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	6.19	≤10	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤1	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Chromium	mg/kg	-	1.00	12.9	≤43.4	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	5.93	≤31.5	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	5.59	≤23	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	12.9	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	33.2	≤120	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by
Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-1
Sampled Date	May 16, 2023 11:20 AM
Sample Description	ตะกอนดิน
Location	ห่วยภูไทรก่อนจุดระบายน้ำทิ้งที่ 1 ของโครงการระยะห่างประมาณ 500 เมตร (SD1)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	24.2	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	Bangkok

Guideline : Notification of The National Environmental Board B.E.2565, for protect benthic animals

Note : Analysis Results expressed on dry basis.

Sampling By : Paramet Sattayakun

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

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Sawitree N.
Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-2
Sampled Date	May 16, 2023 10:50 AM
Sample Description	ตะกอนดิน
Location	หัวยกุไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SD2)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	19777	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	16.4	≤10	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤1	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Chromium	mg/kg	-	1.00	16.3	≤43.4	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	12.7	≤31.5	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	11.8	≤23	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	16.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	79.7	≤120	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-2
Sampled Date	May 16, 2023 10:50 AM
Sample Description	ตะกอนดิน
Location	หัวยกุไทรบริเวณจุดระบายน้ำทิ้งที่ 1 ของโครงการ (SD2)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	59.8	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	Bangkok

Guideline : Notification of The National Environmental Board B.E.2565, for protect benthic animals

Note : Analysis Results expressed on dry basis.

Sampling By : Paramet Sattayakun

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

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Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-3
Sampled Date	May 16, 2023 9:50 AM
Sample Description	ตะกอนดิน
Location	ห่วยฮูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SD3)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	12610	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	8.93	≤10	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤1	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Chromium	mg/kg	-	1.00	10.8	≤43.4	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	8.49	≤31.5	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	7.15	≤23	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	10.8	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	49.2	≤120	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by
Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-3
Sampled Date	May 16, 2023 9:50 AM
Sample Description	ตะกอนดิน
Location	ห่วยฮูไทรบริเวณจุดระบายน้ำทิ้งที่ 2 ของโครงการ (SD3)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	36.9	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	Bangkok

Guideline : Notification of The National Environmental Board B.E.2565, for protect benthic animals

Note : Analysis Results expressed on dry basis.

Sampling By : Paramet Sattayakun

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

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Sawitree N.
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-4
Sampled Date	May 16, 2023 10:15 AM
Sample Description	ตะกอนดิน
Location	หัวยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SD4)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	11024	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	7.61	≤10	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Cadmium	mg/kg	-	0.50	<0.50	≤1	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Chromium	mg/kg	-	1.00	11.0	≤43.4	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	8.70	≤31.5	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Hexavalent Chromium	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3060A and 7196A	Bangkok
Mercury	mg/kg	-	0.10	<0.10	≤0.2	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	7.43	≤23	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	11.0	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	44.7	≤120	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348971
Date Received : May 16, 2023
Date Reported : Jun 01, 2023
Report Number : 2637742-1

Sample Number	2348971-4
Sampled Date	May 16, 2023 10:15 AM
Sample Description	ตะกอนดิน
Location	หัวยกุไทรหลังจุดระบายน้ำทิ้งที่ 2 ของโครงการระยะห่างประมาณ 500 เมตร (SD4)
Date Analysis Commenced	May 18, 2023
Condition of Sample	Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	39.0	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	Bangkok

Guideline : Notification of The National Environmental Board B.E.2565, for protect benthic animals

Note : Analysis Results expressed on dry basis.

Sampling By : Paramet Sattayakun

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

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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ภาคผนวก ค-08

คุณภาพดิน

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-1
Sampled Date	May 23, 2023 11:00 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศเหนือ (S1)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	2219	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	1.84	≤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
Chromium	mg/kg	-	1.00	12.9	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	2.84	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	1.23	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	12.9	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	4.78	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-1
Sampled Date	May 23, 2023 11:00 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศเหนือ (S1)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	1.9	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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

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Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-2
Sampled Date	May 23, 2023 10:00 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียนด้านทิศใต้ (S2)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	4882	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	4.00	≤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
Chromium	mg/kg	-	1.00	24.8	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	3.85	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	9.39	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	24.8	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	8.99	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-2
Sampled Date	May 23, 2023 10:00 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียนด้านทิศใต้ (S2)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	3.9	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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

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Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-3
Sampled Date	May 23, 2023 2:30 PM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันออก (S3)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	2545	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	2.07	≤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
Chromium	mg/kg	-	1.00	12.5	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	1.45	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	4.42	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	12.5	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	3.39	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

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54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-3
Sampled Date	May 23, 2023 2:30 PM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันออก (S3)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	3.4	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

Remark :
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Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-4
Sampled Date	May 23, 2023 10:30 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันตก (S4)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	7086	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	12.9	≤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
Chromium	mg/kg	-	1.00	16.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	4.38	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	4.52	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	16.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	16.4	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-4
Sampled Date	May 23, 2023 10:30 AM
Sample Description	Soil ที่ระดับความลึก 5 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันตก (S4)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	5.8	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

Remark :
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-5
Sampled Date	May 23, 2023 11:10 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศเหนือ (S1)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	1827	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	1.69	≤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
Chromium	mg/kg	-	1.00	8.44	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	1.72	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	1.27	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	8.44	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	3.32	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-5
Sampled Date	May 23, 2023 11:10 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศเหนือ (S1)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	2.0	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-6
Sampled Date	May 23, 2023 10:15 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศใต้ (S2)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	4403	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	3.75	≤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
Chromium	mg/kg	-	1.00	29.0	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	2.93	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	10.9	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	29.0	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	7.25	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-6
Sampled Date	May 23, 2023 10:15 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศใต้ (S2)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	4.6	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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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Life Sciences www.alsglobal.com
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8335-62/ EMAIL S:\Reports_All_GL.rpt (5:11PM)

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-7
Sampled Date	May 23, 2023 2:45 PM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันออก (S3)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	3054	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	2.04	≤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
Chromium	mg/kg	-	1.00	17.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	1.98	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	6.44	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	17.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	3.86	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-7
Sampled Date	May 23, 2023 2:45 PM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันออก (S3)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	3.1	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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

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Sawitree Noisangiam
Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197
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8335-62/ EMAIL S:\Reports_All_GL.rpt (5:11PM)

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-8
Sampled Date	May 23, 2023 10:40 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันตก (S4)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Aluminium	mg/kg	-	1.00	6053	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Arsenic	mg/kg	-	0.50	12.2	≤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
Chromium	mg/kg	-	1.00	31.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Copper	mg/kg	-	1.00	4.81	≤35040	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
Mercury	mg/kg	-	0.10	<0.10	≤263	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Nickel	mg/kg	-	1.00	15.6	≤5205	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Silver	mg/kg	-	1.00	<1.00	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Trivalent Chromium	mg/kg	-	1.00	31.3	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Zinc	mg/kg	-	1.00	17.7	No Standard	United States Environmental Protection Agency, EPA Method 3050B and 6010D	Bangkok
Physical Parameters							

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location:

Lot ID: 2348980
Date Received : May 23, 2023
Date Reported : Jun 02, 2023
Report Number : 2637749-1

Sample Number	2348980-8
Sampled Date	May 23, 2023 10:40 AM
Sample Description	Soil ที่ระดับความลึก 30 ซม.
Location	พื้นที่สีเขียวด้านทิศตะวันตก (S4)
Date Analysis Commenced	May 24, 2023
Condition of Sample	Packed in one plastic bag and two glass bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Physical Parameters							
Moisture	%	-	0.1	4.1	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G	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 : Pattarapol Sawangjaitam

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

ภาคผนวก ค-09

ระดับเสียงโดยทั่วไป

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656517-1

Sample Number 2338619-1
Parameter Noise (Leq 24 hrs.)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	61.0	85.4	47.8
11:00 AM - 12:00 PM	60.1	82.0	46.0
12:00 PM - 01:00 PM	58.6	84.4	44.1
01:00 PM - 02:00 PM	59.4	78.6	45.9
02:00 PM - 03:00 PM	56.4	77.2	44.4
03:00 PM - 04:00 PM	55.5	78.3	44.8
04:00 PM - 05:00 PM	59.1	83.0	49.4
05:00 PM - 06:00 PM	62.6	95.7	48.2
06:00 PM - 07:00 PM	59.0	79.1	56.7
07:00 PM - 08:00 PM	50.8	69.4	44.5
08:00 PM - 09:00 PM	48.4	67.6	42.4
09:00 PM - 10:00 PM	50.6	73.6	44.6
10:00 PM - 11:00 PM	46.2	69.0	40.1
11:00 PM - 12:00 AM	53.8	66.6	48.9
12:00 AM - 01:00 AM	41.3	62.3	37.4
01:00 AM - 02:00 AM	52.1	65.2	49.1
02:00 AM - 03:00 AM	43.5	69.4	36.3
03:00 AM - 04:00 AM	43.4	63.9	36.5
04:00 AM - 05:00 AM	61.2	70.4	59.2
05:00 AM - 06:00 AM	60.7	82.0	47.0
06:00 AM - 07:00 AM	60.6	83.2	47.9
07:00 AM - 08:00 AM	58.5	80.4	46.4
08:00 AM - 09:00 AM	59.2	90.2	45.2
09:00 AM - 10:00 AM	57.1	84.1	44.5
Leq Average 24 hrs. (dB(A))	57.8		
Lmax (dB(A))		95.7	
L90 (dB(A))			45.2
Ldn (dB(A))	63.3		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดการดังเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK.
Thanita Kulsuriwong
Scientist (4)

Approved by Supt S
Supot Salamteh
Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656518-1

Sample Number 2338619-2
Parameter Noise (Leq 24 hrs.)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	58.4	82.0	46.4
11:00 AM - 12:00 PM	59.7	88.8	47.9
12:00 PM - 01:00 PM	56.5	77.9	46.7
01:00 PM - 02:00 PM	55.9	77.2	45.1
02:00 PM - 03:00 PM	58.0	81.1	49.1
03:00 PM - 04:00 PM	57.2	90.1	44.4
04:00 PM - 05:00 PM	55.0	76.7	46.5
05:00 PM - 06:00 PM	55.7	78.0	45.7
06:00 PM - 07:00 PM	61.5	72.6	58.1
07:00 PM - 08:00 PM	49.9	73.7	42.1
08:00 PM - 09:00 PM	46.4	63.6	39.8
09:00 PM - 10:00 PM	54.7	67.8	51.5
10:00 PM - 11:00 PM	46.5	69.2	37.3
11:00 PM - 12:00 AM	43.3	62.9	38.2
12:00 AM - 01:00 AM	53.2	64.6	49.6
01:00 AM - 02:00 AM	41.0	63.2	35.0
02:00 AM - 03:00 AM	44.4	67.7	35.2
03:00 AM - 04:00 AM	39.8	63.4	34.7
04:00 AM - 05:00 AM	60.8	71.8	58.2
05:00 AM - 06:00 AM	55.3	81.2	44.7
06:00 AM - 07:00 AM	58.2	81.6	48.7
07:00 AM - 08:00 AM	59.4	91.4	46.7
08:00 AM - 09:00 AM	56.3	77.3	50.8
09:00 AM - 10:00 AM	54.6	75.8	44.2
Leq Average 24 hrs. (dB(A))	56.3		
Lmax (dB(A))		91.4	
L90 (dB(A))			45.7
Ldn (dB(A))	61.4		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดการดังเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK.
Thanita Kulsuriwong
Scientist (4)

Approved by Supt S
Supot Salamteh
Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656519-1

Sample Number 2338619-3
Parameter Noise (Leq 24 hrs.)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.5	78.5	44.6
11:00 AM - 12:00 PM	63.2	94.2	60.9
12:00 PM - 01:00 PM	60.2	75.4	55.7
01:00 PM - 02:00 PM	54.6	76.7	44.8
02:00 PM - 03:00 PM	52.3	73.3	44.5
03:00 PM - 04:00 PM	59.5	75.4	52.2
04:00 PM - 05:00 PM	62.8	97.7	48.2
05:00 PM - 06:00 PM	57.8	75.0	46.4
06:00 PM - 07:00 PM	60.5	71.2	57.9
07:00 PM - 08:00 PM	51.3	73.0	43.3
08:00 PM - 09:00 PM	50.1	79.0	40.7
09:00 PM - 10:00 PM	48.1	71.2	37.6
10:00 PM - 11:00 PM	45.8	64.3	37.6
11:00 PM - 12:00 AM	44.6	63.5	39.2
12:00 AM - 01:00 AM	46.1	63.8	41.4
01:00 AM - 02:00 AM	43.4	66.8	37.6
02:00 AM - 03:00 AM	43.6	66.5	35.1
03:00 AM - 04:00 AM	41.7	68.8	34.1
04:00 AM - 05:00 AM	65.7	75.6	62.1
05:00 AM - 06:00 AM	55.9	80.2	47.8
06:00 AM - 07:00 AM	58.9	76.9	49.1
07:00 AM - 08:00 AM	55.8	75.0	47.0
08:00 AM - 09:00 AM	55.7	76.7	44.2
09:00 AM - 10:00 AM	58.1	80.8	50.5
Leq Average 24 hrs. (dB(A))	58.1		
Lmax (dB(A))		97.7	
L90 (dB(A))			44.6
Ldn (dB(A))	64.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดการดังเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK.
Thanita Kulsuriwong
Scientist (4)

Approved by Supt S
Supot Salamteh
Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656520-1

Sample Number 2338619-4
Parameter Noise (Leq 24 hrs.)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.7	79.9	43.8
11:00 AM - 12:00 PM	58.0	85.4	49.1
12:00 PM - 01:00 PM	56.4	77.2	45.8
01:00 PM - 02:00 PM	54.6	77.6	46.0
02:00 PM - 03:00 PM	55.2	76.3	46.2
03:00 PM - 04:00 PM	56.3	78.0	45.6
04:00 PM - 05:00 PM	62.1	86.8	57.6
05:00 PM - 06:00 PM	59.7	82.3	46.5
06:00 PM - 07:00 PM	63.9	74.9	62.2
07:00 PM - 08:00 PM	50.7	67.9	44.3
08:00 PM - 09:00 PM	47.9	66.9	41.2
09:00 PM - 10:00 PM	46.2	66.3	39.6
10:00 PM - 11:00 PM	45.3	68.6	39.1
11:00 PM - 12:00 AM	47.4	76.2	40.8
12:00 AM - 01:00 AM	46.0	69.4	41.8
01:00 AM - 02:00 AM	42.3	65.3	36.2
02:00 AM - 03:00 AM	45.1	69.3	35.7
03:00 AM - 04:00 AM	51.0	70.5	49.0
04:00 AM - 05:00 AM	66.3	77.1	62.6
05:00 AM - 06:00 AM	57.6	74.4	50.3
06:00 AM - 07:00 AM	58.2	81.8	50.0
07:00 AM - 08:00 AM	56.7	78.8	47.8
08:00 AM - 09:00 AM	55.9	78.4	46.0
09:00 AM - 10:00 AM	53.6	77.7	45.1
Leq Average 24 hrs. (dB(A))	57.8		
Lmax (dB(A))		86.8	
L90 (dB(A))			45.8
Ldn (dB(A))	64.4		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดการดังเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK.
Thanita Kulsuriwong
Scientist (4)

Approved by Supt S
Supot Salamteh
Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656521-1

Sample Number 2338619-5
Parameter Noise (Leq 24 hrs.)
Location บ้านริงลาดหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.3	76.5	45.8
11:00 AM - 12:00 PM	58.1	85.2	49.2
12:00 PM - 01:00 PM	57.5	77.2	52.8
01:00 PM - 02:00 PM	54.0	76.0	43.0
02:00 PM - 03:00 PM	55.2	76.9	43.9
03:00 PM - 04:00 PM	59.8	85.9	51.4
04:00 PM - 05:00 PM	56.6	74.1	49.0
05:00 PM - 06:00 PM	56.5	76.8	47.8
06:00 PM - 07:00 PM	61.4	72.0	58.6
07:00 PM - 08:00 PM	53.3	79.6	44.8
08:00 PM - 09:00 PM	52.3	74.2	42.1
09:00 PM - 10:00 PM	49.6	70.7	40.3
10:00 PM - 11:00 PM	47.5	71.2	40.0
11:00 PM - 12:00 AM	48.5	69.1	39.5
12:00 AM - 01:00 AM	47.2	71.0	38.7
01:00 AM - 02:00 AM	48.2	70.2	39.2
02:00 AM - 03:00 AM	50.9	82.5	37.9
03:00 AM - 04:00 AM	47.9	75.7	38.2
04:00 AM - 05:00 AM	65.2	74.6	63.2
05:00 AM - 06:00 AM	53.4	72.4	45.1
06:00 AM - 07:00 AM	61.3	83.3	49.8
07:00 AM - 08:00 AM	58.9	81.2	47.3
08:00 AM - 09:00 AM	54.0	76.3	45.1
09:00 AM - 10:00 AM	54.9	74.6	44.2
Leq Average 24 hrs. (dB(A))	57.2		
Lmax (dB(A))		85.9	
L90 (dB(A))			44.8
Ldn (dB(A))	64.0		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656522-1

Sample Number 2338619-6
Parameter Noise (Leq 24 hrs.)
Location บ้านริงลาดหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.8	76.8	56.6
11:00 AM - 12:00 PM	54.4	77.0	42.9
12:00 PM - 01:00 PM	56.6	83.9	43.8
01:00 PM - 02:00 PM	54.4	75.6	43.3
02:00 PM - 03:00 PM	63.2	75.6	55.7
03:00 PM - 04:00 PM	59.1	76.6	46.9
04:00 PM - 05:00 PM	64.2	98.3	48.3
05:00 PM - 06:00 PM	62.8	75.2	58.8
06:00 PM - 07:00 PM	64.2	76.7	61.4
07:00 PM - 08:00 PM	52.2	75.3	46.0
08:00 PM - 09:00 PM	48.9	74.4	41.2
09:00 PM - 10:00 PM	46.6	65.1	38.7
10:00 PM - 11:00 PM	52.8	86.5	37.6
11:00 PM - 12:00 AM	45.5	59.3	41.8
12:00 AM - 01:00 AM	41.7	61.6	36.6
01:00 AM - 02:00 AM	44.1	70.9	35.9
02:00 AM - 03:00 AM	44.7	67.8	36.2
03:00 AM - 04:00 AM	43.3	63.6	38.9
04:00 AM - 05:00 AM	63.4	73.6	61.2
05:00 AM - 06:00 AM	53.1	72.3	45.4
06:00 AM - 07:00 AM	64.6	81.8	61.9
07:00 AM - 08:00 AM	58.4	74.2	52.3
08:00 AM - 09:00 AM	57.0	76.7	47.9
09:00 AM - 10:00 AM	61.0	91.6	46.9
Leq Average 24 hrs. (dB(A))	59.7		
Lmax (dB(A))		98.3	
L90 (dB(A))			45.4
Ldn (dB(A))	64.8		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656523-1

Sample Number 2338619-7
Parameter Noise (Leq 24 hrs.)
Location บ้านริงลาดหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	59.4	92.7	51.7
11:00 AM - 12:00 PM	59.0	75.5	56.5
12:00 PM - 01:00 PM	56.6	79.1	47.7
01:00 PM - 02:00 PM	57.9	82.2	44.7
02:00 PM - 03:00 PM	61.1	76.3	55.7
03:00 PM - 04:00 PM	54.3	78.0	46.7
04:00 PM - 05:00 PM	57.2	84.6	49.5
05:00 PM - 06:00 PM	57.1	78.5	49.9
06:00 PM - 07:00 PM	63.3	80.9	60.2
07:00 PM - 08:00 PM	53.7	73.9	45.3
08:00 PM - 09:00 PM	56.2	86.3	42.8
09:00 PM - 10:00 PM	46.8	64.5	41.4
10:00 PM - 11:00 PM	46.8	69.2	41.2
11:00 PM - 12:00 AM	45.2	66.5	40.1
12:00 AM - 01:00 AM	43.3	64.6	39.8
01:00 AM - 02:00 AM	43.0	60.8	39.6
02:00 AM - 03:00 AM	44.4	65.4	39.6
03:00 AM - 04:00 AM	44.9	72.4	39.6
04:00 AM - 05:00 AM	65.1	75.4	62.0
05:00 AM - 06:00 AM	53.8	74.0	46.6
06:00 AM - 07:00 AM	57.5	81.7	48.9
07:00 AM - 08:00 AM	57.6	79.0	47.7
08:00 AM - 09:00 AM	53.5	74.0	45.0
09:00 AM - 10:00 AM	56.6	86.4	44.3
Leq Average 24 hrs. (dB(A))	57.5		
Lmax (dB(A))		92.7	
L90 (dB(A))			45.3
Ldn (dB(A))	63.3		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656524-1

Sample Number 2338619-8
Parameter Noise (Leq 24 hrs.)
Location บ้านหัวถนัด หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	61.6	96.0	44.9
11:00 AM - 12:00 PM	61.2	94.3	41.4
12:00 PM - 01:00 PM	60.4	81.5	46.3
01:00 PM - 02:00 PM	64.5	92.6	47.4
02:00 PM - 03:00 PM	65.6	87.3	50.4
03:00 PM - 04:00 PM	65.7	94.7	52.0
04:00 PM - 05:00 PM	64.0	89.4	51.5
05:00 PM - 06:00 PM	61.7	84.0	48.1
06:00 PM - 07:00 PM	63.0	93.2	44.0
07:00 PM - 08:00 PM	60.6	89.2	43.1
08:00 PM - 09:00 PM	56.8	83.3	41.3
09:00 PM - 10:00 PM	57.8	88.6	40.2
10:00 PM - 11:00 PM	56.0	84.4	40.1
11:00 PM - 12:00 AM	59.2	79.2	39.5
12:00 AM - 01:00 AM	51.5	81.5	39.0
01:00 AM - 02:00 AM	54.7	80.5	39.8
02:00 AM - 03:00 AM	58.4	80.6	44.1
03:00 AM - 04:00 AM	61.3	84.8	44.9
04:00 AM - 05:00 AM	63.5	93.0	46.6
05:00 AM - 06:00 AM	63.4	93.2	44.6
06:00 AM - 07:00 AM	62.4	85.1	44.2
07:00 AM - 08:00 AM	62.3	89.5	45.5
08:00 AM - 09:00 AM	62.6	91.1	47.2
09:00 AM - 10:00 AM	62.3	86.5	43.6
Leq Average 24 hrs. (dB(A))	61.8		
Lmax (dB(A))		96.0	
L90 (dB(A))			44.2
Ldn (dB(A))	66.9		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656525-1

Sample Number	2338619-9
Parameter	Noise (Leq 24 hrs.)
Location	บ้านพักอาศัย หมู่ 2 ซ.มาบบางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date	May 07 - May 08, 2023
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.3	90.9	43.7
11:00 AM - 12:00 PM	59.7	82.1	42.3
12:00 PM - 01:00 PM	62.4	88.3	43.3
01:00 PM - 02:00 PM	63.4	89.3	47.1
02:00 PM - 03:00 PM	64.2	86.6	50.2
03:00 PM - 04:00 PM	63.9	88.3	52.9
04:00 PM - 05:00 PM	62.6	86.7	47.1
05:00 PM - 06:00 PM	60.4	88.0	45.3
06:00 PM - 07:00 PM	63.1	94.4	43.5
07:00 PM - 08:00 PM	57.1	83.7	41.6
08:00 PM - 09:00 PM	63.1	99.5	41.0
09:00 PM - 10:00 PM	52.3	80.2	39.1
10:00 PM - 11:00 PM	49.3	76.1	39.6
11:00 PM - 12:00 AM	54.0	85.3	39.1
12:00 AM - 01:00 AM	50.6	78.1	39.1
01:00 AM - 02:00 AM	61.2	92.0	41.8
02:00 AM - 03:00 AM	58.9	85.8	46.3
03:00 AM - 04:00 AM	64.9	88.2	49.2
04:00 AM - 05:00 AM	67.5	87.0	56.3
05:00 AM - 06:00 AM	64.9	90.9	51.6
06:00 AM - 07:00 AM	62.6	87.4	43.0
07:00 AM - 08:00 AM	61.7	89.4	43.0
08:00 AM - 09:00 AM	63.1	85.8	47.0
09:00 AM - 10:00 AM	64.3	90.9	46.6
Leq Average 24 hrs. (dB(A))	62.4		
Lmax (dB(A))		99.5	
L90 (dB(A))			43.5
Ldn (dB(A))	68.9		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK. — Thanita Kulsuriwong, Scientist (4)
Approved by Supt S — Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656526-1

Sample Number	2338619-10
Parameter	Noise (Leq 24 hrs.)
Location	บ้านพักอาศัย หมู่ 2 ซ.มาบบางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date	May 08 - May 09, 2023
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	61.3	86.8	46.1
11:00 AM - 12:00 PM	62.2	86.2	45.6
12:00 PM - 01:00 PM	62.2	88.1	44.1
01:00 PM - 02:00 PM	61.2	80.8	43.8
02:00 PM - 03:00 PM	66.1	88.5	53.5
03:00 PM - 04:00 PM	63.9	85.4	51.3
04:00 PM - 05:00 PM	63.7	87.1	46.2
05:00 PM - 06:00 PM	63.1	86.6	46.0
06:00 PM - 07:00 PM	60.4	88.3	43.7
07:00 PM - 08:00 PM	56.9	78.6	42.1
08:00 PM - 09:00 PM	59.3	93.5	43.4
09:00 PM - 10:00 PM	51.4	74.5	43.0
10:00 PM - 11:00 PM	51.5	80.4	42.5
11:00 PM - 12:00 AM	46.8	73.3	38.6
12:00 AM - 01:00 AM	54.4	83.2	36.6
01:00 AM - 02:00 AM	54.7	85.2	36.6
02:00 AM - 03:00 AM	58.3	83.0	44.0
03:00 AM - 04:00 AM	64.8	85.3	49.0
04:00 AM - 05:00 AM	67.7	92.5	53.4
05:00 AM - 06:00 AM	64.4	86.8	45.9
06:00 AM - 07:00 AM	61.5	85.4	43.1
07:00 AM - 08:00 AM	61.8	88.6	43.4
08:00 AM - 09:00 AM	61.7	83.8	45.1
09:00 AM - 10:00 AM	63.4	88.7	44.0
Leq Average 24 hrs. (dB(A))	62.1		
Lmax (dB(A))		93.5	
L90 (dB(A))			44.0
Ldn (dB(A))	68.5		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK. — Thanita Kulsuriwong, Scientist (4)
Approved by Supt S — Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656527-1

Sample Number	2338619-11
Parameter	Noise (Leq 24 hrs.)
Location	บ้านพักอาศัย หมู่ 2 ซ.มาบบางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date	May 09 - May 10, 2023
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.3	83.0	44.2
11:00 AM - 12:00 PM	61.8	85.2	45.4
12:00 PM - 01:00 PM	62.7	88.8	46.2
01:00 PM - 02:00 PM	62.4	84.4	45.5
02:00 PM - 03:00 PM	65.4	87.2	48.9
03:00 PM - 04:00 PM	65.1	94.1	48.7
04:00 PM - 05:00 PM	62.9	82.5	47.4
05:00 PM - 06:00 PM	63.1	88.2	47.3
06:00 PM - 07:00 PM	58.9	80.4	42.6
07:00 PM - 08:00 PM	57.1	82.4	40.8
08:00 PM - 09:00 PM	54.5	82.6	40.8
09:00 PM - 10:00 PM	53.5	85.4	43.6
10:00 PM - 11:00 PM	54.2	82.7	40.5
11:00 PM - 12:00 AM	49.5	77.6	39.1
12:00 AM - 01:00 AM	52.3	80.7	44.3
01:00 AM - 02:00 AM	59.1	90.3	52.5
02:00 AM - 03:00 AM	59.7	79.9	51.2
03:00 AM - 04:00 AM	66.4	85.4	53.4
04:00 AM - 05:00 AM	68.7	91.0	57.1
05:00 AM - 06:00 AM	65.0	86.8	49.0
06:00 AM - 07:00 AM	62.5	87.1	44.7
07:00 AM - 08:00 AM	63.1	92.7	44.3
08:00 AM - 09:00 AM	63.7	85.8	49.0
09:00 AM - 10:00 AM	62.2	84.1	46.4
Leq Average 24 hrs. (dB(A))	62.6		
Lmax (dB(A))		94.1	
L90 (dB(A))			45.5
Ldn (dB(A))	69.5		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK. — Thanita Kulsuriwong, Scientist (4)
Approved by Supt S — Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656528-1

Sample Number	2338619-12
Parameter	Noise (Leq 24 hrs.)
Location	บ้านพักอาศัย หมู่ 2 ซ.มาบบางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date	May 10 - May 11, 2023
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.5	91.9	44.6
11:00 AM - 12:00 PM	60.4	82.8	46.1
12:00 PM - 01:00 PM	61.9	85.2	43.9
01:00 PM - 02:00 PM	65.9	86.7	52.7
02:00 PM - 03:00 PM	68.0	94.3	52.8
03:00 PM - 04:00 PM	65.8	90.9	50.5
04:00 PM - 05:00 PM	64.5	88.7	47.9
05:00 PM - 06:00 PM	66.0	98.2	47.7
06:00 PM - 07:00 PM	60.0	83.2	42.2
07:00 PM - 08:00 PM	55.7	78.9	41.6
08:00 PM - 09:00 PM	56.8	87.1	40.9
09:00 PM - 10:00 PM	54.3	84.5	41.3
10:00 PM - 11:00 PM	60.1	97.8	41.1
11:00 PM - 12:00 AM	50.0	75.9	42.3
12:00 AM - 01:00 AM	51.6	77.9	42.1
01:00 AM - 02:00 AM	50.3	74.4	41.1
02:00 AM - 03:00 AM	59.4	82.7	44.0
03:00 AM - 04:00 AM	64.9	85.1	49.6
04:00 AM - 05:00 AM	67.8	86.3	54.2
05:00 AM - 06:00 AM	65.4	91.7	49.6
06:00 AM - 07:00 AM	62.0	84.4	45.5
07:00 AM - 08:00 AM	60.5	86.8	42.5
08:00 AM - 09:00 AM	62.7	85.7	48.6
09:00 AM - 10:00 AM	65.1	96.0	43.9
Leq Average 24 hrs. (dB(A))	63.2		
Lmax (dB(A))		98.2	
L90 (dB(A))			44.0
Ldn (dB(A))	69.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management ThanitaK. — Thanita Kulsuriwong, Scientist (4)
Approved by Supt S — Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656529-1

Sample Number 2338619-13
Parameter Noise (Leq 24 hrs.)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.9	90.1	48.3
11:00 AM - 12:00 PM	62.1	85.4	43.7
12:00 PM - 01:00 PM	60.7	87.0	42.5
01:00 PM - 02:00 PM	64.6	91.3	45.4
02:00 PM - 03:00 PM	65.4	85.8	52.1
03:00 PM - 04:00 PM	64.4	84.9	49.4
04:00 PM - 05:00 PM	63.4	86.6	47.0
05:00 PM - 06:00 PM	64.1	85.9	48.0
06:00 PM - 07:00 PM	59.0	82.6	42.4
07:00 PM - 08:00 PM	56.9	84.9	40.5
08:00 PM - 09:00 PM	52.2	75.7	40.3
09:00 PM - 10:00 PM	54.4	89.8	40.7
10:00 PM - 11:00 PM	51.6	78.9	40.3
11:00 PM - 12:00 AM	47.2	75.4	38.4
12:00 AM - 01:00 AM	51.8	80.1	38.6
01:00 AM - 02:00 AM	60.4	92.7	40.4
02:00 AM - 03:00 AM	57.7	82.9	43.5
03:00 AM - 04:00 AM	66.1	90.8	49.7
04:00 AM - 05:00 AM	71.5	84.6	64.9
05:00 AM - 06:00 AM	65.6	88.9	52.1
06:00 AM - 07:00 AM	63.1	90.2	49.1
07:00 AM - 08:00 AM	64.6	92.9	43.3
08:00 AM - 09:00 AM	62.6	83.2	45.4
09:00 AM - 10:00 AM	64.7	91.4	42.9
Leq Average 24 hrs. (dB(A))	63.5		
Lmax (dB(A))		92.9	
L90 (dB(A))			43.5
Ldn (dB(A))	70.8		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338619
Date Received : May 15, 2023
Date Reported : May 19, 2023
Report Number: 2656530-1

Sample Number 2338619-14
Parameter Noise (Leq 24 hrs.)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.5	82.8	44.3
11:00 AM - 12:00 PM	63.7	92.9	43.7
12:00 PM - 01:00 PM	59.9	84.3	42.9
01:00 PM - 02:00 PM	62.4	89.4	46.6
02:00 PM - 03:00 PM	65.6	90.1	51.5
03:00 PM - 04:00 PM	65.1	87.0	48.9
04:00 PM - 05:00 PM	63.8	86.8	48.8
05:00 PM - 06:00 PM	64.1	87.6	47.4
06:00 PM - 07:00 PM	61.1	90.7	44.0
07:00 PM - 08:00 PM	58.5	86.0	42.0
08:00 PM - 09:00 PM	60.6	89.8	41.5
09:00 PM - 10:00 PM	54.0	78.4	41.1
10:00 PM - 11:00 PM	48.6	76.7	40.0
11:00 PM - 12:00 AM	52.5	80.4	40.3
12:00 AM - 01:00 AM	56.3	83.9	41.3
01:00 AM - 02:00 AM	58.7	94.1	40.5
02:00 AM - 03:00 AM	57.6	83.2	43.5
03:00 AM - 04:00 AM	65.1	92.2	48.9
04:00 AM - 05:00 AM	66.3	90.7	50.9
05:00 AM - 06:00 AM	63.0	84.7	47.6
06:00 AM - 07:00 AM	62.6	84.7	46.0
07:00 AM - 08:00 AM	65.2	87.5	48.6
08:00 AM - 09:00 AM	64.9	88.9	48.5
09:00 AM - 10:00 AM	64.6	94.4	48.7
Leq Average 24 hrs. (dB(A))	62.6		
Lmax (dB(A))		94.4	
L90 (dB(A))			44.3
Ldn (dB(A))	68.3		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Thanita Kulsuriwong, Scientist (4)
Approved by Supot Salamteh, Section Head

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

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655372-1

Sample Number 2338620-1
Parameter Noise Level (Leq 5 min)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	58.9	48.5	12:40 PM - 12:45 PM	60.4	44.5	03:20 PM - 03:25 PM	52.9	46.7
10:05 AM - 10:10 AM	61.1	49.1	12:45 PM - 12:50 PM	54.9	45.1	03:25 PM - 03:30 PM	53.7	42.6
10:10 AM - 10:15 AM	57.1	47.4	12:50 PM - 12:55 PM	66.4	47.5	03:30 PM - 03:35 PM	56.4	42.5
10:15 AM - 10:20 AM	64.0	49.1	12:55 PM - 01:00 PM	58.1	45.3	03:35 PM - 03:40 PM	57.2	45.0
10:20 AM - 10:25 AM	54.3	47.5	01:00 PM - 01:05 PM	59.0	44.6	03:40 PM - 03:45 PM	51.4	46.3
10:25 AM - 10:30 AM	63.9	48.2	01:05 PM - 01:10 PM	61.2	46.7	03:45 PM - 03:50 PM	57.5	46.4
10:30 AM - 10:35 AM	61.3	48.7	01:10 PM - 01:15 PM	59.6	43.7	03:50 PM - 03:55 PM	53.9	46.3
10:35 AM - 10:40 AM	56.3	45.7	01:15 PM - 01:20 PM	56.1	44.3	03:55 PM - 04:00 PM	60.4	45.4
10:40 AM - 10:45 AM	62.6	48.0	01:20 PM - 01:25 PM	57.9	47.3	04:00 PM - 04:05 PM	53.8	46.5
10:45 AM - 10:50 AM	61.1	47.1	01:25 PM - 01:30 PM	58.0	47.6	04:05 PM - 04:10 PM	59.9	46.8
10:50 AM - 10:55 AM	61.7	47.0	01:30 PM - 01:35 PM	61.4	48.3	04:10 PM - 04:15 PM	55.4	47.9
10:55 AM - 11:00 AM	59.5	46.4	01:35 PM - 01:40 PM	56.6	45.3	04:15 PM - 04:20 PM	63.1	50.2
11:00 AM - 11:05 AM	60.3	45.3	01:40 PM - 01:45 PM	60.2	45.7	04:20 PM - 04:25 PM	61.2	53.6
11:05 AM - 11:10 AM	56.2	44.7	01:45 PM - 01:50 PM	55.1	42.4	04:25 PM - 04:30 PM	58.0	51.2
11:10 AM - 11:15 AM	59.8	46.1	01:50 PM - 01:55 PM	61.1	42.7	04:30 PM - 04:35 PM	64.0	51.0
11:15 AM - 11:20 AM	59.1	48.2	01:55 PM - 02:00 PM	61.1	47.3	04:35 PM - 04:40 PM	53.7	48.9
11:20 AM - 11:25 AM	59.6	45.5	02:00 PM - 02:05 PM	57.6	44.4	04:40 PM - 04:45 PM	53.6	46.8
11:25 AM - 11:30 AM	63.3	46.6	02:05 PM - 02:10 PM	59.2	45.4	04:45 PM - 04:50 PM	57.1	47.4
11:30 AM - 11:35 AM	65.4	50.0	02:10 PM - 02:15 PM	55.7	43.8	04:50 PM - 04:55 PM	55.5	47.3
11:35 AM - 11:40 AM	57.5	47.1	02:15 PM - 02:20 PM	55.0	45.7	04:55 PM - 05:00 PM	55.8	47.7
11:40 AM - 11:45 AM	60.9	44.0	02:20 PM - 02:25 PM	55.6	43.2	05:00 PM - 05:05 PM	54.4	46.2
11:45 AM - 11:50 AM	55.7	42.5	02:25 PM - 02:30 PM	56.9	43.1	05:05 PM - 05:10 PM	55.6	45.7
11:50 AM - 11:55 AM	53.0	42.2	02:30 PM - 02:35 PM	54.7	42.9	05:10 PM - 05:15 PM	71.6	48.3
11:55 AM - 12:00 PM	51.9	42.5	02:35 PM - 02:40 PM	57.5	42.7	05:15 PM - 05:20 PM	54.7	46.9
12:00 PM - 12:05 PM	53.1	43.3	02:40 PM - 02:45 PM	53.3	45.1	05:20 PM - 05:25 PM	55.1	48.3
12:05 PM - 12:10 PM	56.3	42.7	02:45 PM - 02:50 PM	54.4	46.0	05:25 PM - 05:30 PM	51.5	47.5
12:10 PM - 12:15 PM	54.4	44.4	02:50 PM - 02:55 PM	52.8	43.1	05:30 PM - 05:35 PM	52.6	48.0
12:15 PM - 12:20 PM	49.0	40.7	02:55 PM - 03:00 PM	59.0	45.0	05:35 PM - 05:40 PM	52.2	48.4
12:20 PM - 12:25 PM	51.7	41.0	03:00 PM - 03:05 PM	50.3	42.1	05:40 PM - 05:45 PM	53.6	48.0
12:25 PM - 12:30 PM	50.6	42.9	03:05 PM - 03:10 PM	52.8	42.6	05:45 PM - 05:50 PM	61.5	49.4
12:30 PM - 12:35 PM	57.3	44.5	03:10 PM - 03:15 PM	55.3	44.1	05:50 PM - 05:55 PM	65.1	50.0
12:35 PM - 12:40 PM	56.8	43.3	03:15 PM - 03:20 PM	51.6	42.9	05:55 PM - 06:00 PM	58.6	49.4

Approved by
Sarayuth Jittranont
Assistant General Manager

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

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655372-1

Sample Number 2338620-1
Parameter Noise Level (Leq 5 min)
Location บ้านวังตาลหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06 - May 07, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	66.0	65.0	08:40 PM - 08:45 PM	48.5	42.0	11:20 PM - 11:25 PM	45.1	38.7
06:05 PM - 06:10 PM	64.3	61.9	08:45 PM - 08:50 PM	49.0	42.8	11:25 PM - 11:30 PM	42.9	38.8
06:10 PM - 06:15 PM	59.4	57.2	08:50 PM - 08:55 PM	46.2	41.8	11:30 PM - 11:35 PM	46.1	38.1
06:15 PM - 06:20 PM	55.6	49.7	08:55 PM - 09:00 PM	45.1	40.7	11:35 PM - 11:40 PM	49.5	38.2
06:20 PM - 06:25 PM	54.1	46.2	09:00 PM - 09:05 PM	51.1	40.3	11:40 PM - 11:45 PM	42.2	38.3
06:25 PM - 06:30 PM	55.9	46.5	09:05 PM - 09:10 PM	52.8	47.9	11:45 PM - 11:50 PM	45.5	38.6
06:30 PM - 06:35 PM	52.3	46.5	09:10 PM - 09:15 PM	57.8	50.1	11:50 PM - 11:55 PM	40.4	37.5
06:35 PM - 06:40 PM	53.6	47.2	09:15 PM - 09:20 PM	49.6	43.0	11:55 PM - 12:00 AM	40.9	37.7
06:40 PM - 06:45 PM	51.0	45.6	09:20 PM - 09:25 PM	47.7	42.9	12:00 AM - 12:05 AM	38.9	36.5
06:45 PM - 06:50 PM	51.3	46.1	09:25 PM - 09:30 PM	46.4	42.6	12:05 AM - 12:10 AM	40.2	37.5
06:50 PM - 06:55 PM	49.8	43.8	09:30 PM - 09:35 PM	47.0	42.5	12:10 AM - 12:15 AM	43.3	38.1
06:55 PM - 07:00 PM	52.8	43.9	09:35 PM - 09:40 PM	48.8	42.7	12:15 AM - 12:20 AM	40.1	37.6
07:00 PM - 07:05 PM	50.8	43.1	09:40 PM - 09:45 PM	49.8	43.8	12:20 AM - 12:25 AM	40.1	37.9
07:05 PM - 07:10 PM	50.3	43.3	09:45 PM - 09:50 PM	48.1	43.2	12:25 AM - 12:30 AM	45.1	37.5
07:10 PM - 07:15 PM	48.8	42.2	09:50 PM - 09:55 PM	46.0	42.2	12:30 AM - 12:35 AM	39.8	36.9
07:15 PM - 07:20 PM	46.3	42.5	09:55 PM - 10:00 PM	45.2	41.6	12:35 AM - 12:40 AM	39.9	37.0
07:20 PM - 07:25 PM	49.0	42.1	10:00 PM - 10:05 PM	43.6	41.3	12:40 AM - 12:45 AM	40.7	37.6
07:25 PM - 07:30 PM	49.5	45.0	10:05 PM - 10:10 PM	45.4	41.6	12:45 AM - 12:50 AM	41.3	37.4
07:30 PM - 07:35 PM	52.0	45.7	10:10 PM - 10:15 PM	45.5	42.4	12:50 AM - 12:55 AM	40.9	37.4
07:35 PM - 07:40 PM	53.9	46.4	10:15 PM - 10:20 PM	47.9	39.6	12:55 AM - 01:00 AM	40.4	37.6
07:40 PM - 07:45 PM	52.4	45.9	10:20 PM - 10:25 PM	44.7	39.7	01:00 AM - 01:05 AM	47.1	37.3
07:45 PM - 07:50 PM	51.8	45.7	10:25 PM - 10:30 PM	50.2	41.0	01:05 AM - 01:10 AM	38.9	37.4
07:50 PM - 07:55 PM	48.3	44.8	10:30 PM - 10:35 PM	43.7	39.1	01:10 AM - 01:15 AM	45.2	37.0
07:55 PM - 08:00 PM	51.5	44.7	10:35 PM - 10:40 PM	43.5	38.9	01:15 AM - 01:20 AM	39.2	36.7
08:00 PM - 08:05 PM	51.7	44.3	10:40 PM - 10:45 PM	48.5	38.9	01:20 AM - 01:25 AM	41.0	35.9
08:05 PM - 08:10 PM	48.9	44.2	10:45 PM - 10:50 PM	44.6	38.6	01:25 AM - 01:30 AM	37.7	35.7
08:10 PM - 08:15 PM	47.1	42.1	10:50 PM - 10:55 PM	42.9	38.7	01:30 AM - 01:35 AM	43.9	39.4
08:15 PM - 08:20 PM	48.1	41.9	10:55 PM - 11:00 PM	47.1	39.1	01:35 AM - 01:40 AM	56.8	49.3
08:20 PM - 08:25 PM	47.9	43.0	11:00 PM - 11:05 PM	60.9	53.9	01:40 AM - 01:45 AM	59.7	58.7
08:25 PM - 08:30 PM	49.6	42.1	11:05 PM - 11:10 PM	60.1	57.7	01:45 AM - 01:50 AM	55.3	49.8
08:30 PM - 08:35 PM	48.1	41.6	11:10 PM - 11:15 PM	55.0	44.1	01:50 AM - 01:55 AM	43.2	37.0
08:35 PM - 08:40 PM	46.9	40.9	11:15 PM - 11:20 PM	46.0	39.6	01:55 AM - 02:00 AM	46.2	36.6

Approved by
Sarayuth Jittranont
Assistant General Manager

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand I PHONE +66 0 2760 3000 I FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655372-1

Sample Number 2338620-1
Parameter Noise Level (Leq 5 min)
Location บ้านรังสาคมปอม (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	37.5	36.1	04:40 AM - 04:45 AM	61.6	42.9	07:20 AM - 07:25 AM	63.2	45.3
02:05 AM - 02:10 AM	42.5	37.2	04:45 AM - 04:50 AM	68.1	47.3	07:25 AM - 07:30 AM	57.1	46.9
02:10 AM - 02:15 AM	39.5	36.2	04:50 AM - 04:55 AM	67.5	66.5	07:30 AM - 07:35 AM	58.0	46.2
02:15 AM - 02:20 AM	44.0	36.7	04:55 AM - 05:00 AM	62.8	43.0	07:35 AM - 07:40 AM	60.4	48.8
02:20 AM - 02:25 AM	49.5	37.1	05:00 AM - 05:05 AM	51.4	42.3	07:40 AM - 07:45 AM	59.8	48.2
02:25 AM - 02:30 AM	48.1	36.2	05:05 AM - 05:10 AM	48.1	42.8	07:45 AM - 07:50 AM	55.0	47.2
02:30 AM - 02:35 AM	36.3	34.8	05:10 AM - 05:15 AM	58.0	44.8	07:50 AM - 07:55 AM	53.6	45.7
02:35 AM - 02:40 AM	40.7	35.8	05:15 AM - 05:20 AM	62.4	44.5	07:55 AM - 08:00 AM	58.4	44.7
02:40 AM - 02:45 AM	38.9	36.1	05:20 AM - 05:25 AM	61.1	43.7	08:00 AM - 08:05 AM	64.9	43.3
02:45 AM - 02:50 AM	38.0	36.0	05:25 AM - 05:30 AM	56.6	46.7	08:05 AM - 08:10 AM	50.7	43.3
02:50 AM - 02:55 AM	39.1	36.3	05:30 AM - 05:35 AM	53.2	45.6	08:10 AM - 08:15 AM	54.7	42.9
02:55 AM - 03:00 AM	43.0	36.7	05:35 AM - 05:40 AM	61.7	47.3	08:15 AM - 08:20 AM	61.7	48.9
03:00 AM - 03:05 AM	46.1	37.3	05:40 AM - 05:45 AM	61.1	46.6	08:20 AM - 08:25 AM	54.5	43.2
03:05 AM - 03:10 AM	42.4	36.4	05:45 AM - 05:50 AM	65.4	49.2	08:25 AM - 08:30 AM	55.0	44.3
03:10 AM - 03:15 AM	44.9	36.7	05:50 AM - 05:55 AM	64.6	48.5	08:30 AM - 08:35 AM	59.6	48.8
03:15 AM - 03:20 AM	38.9	35.9	05:55 AM - 06:00 AM	56.5	51.5	08:35 AM - 08:40 AM	54.8	46.0
03:20 AM - 03:25 AM	38.3	35.6	06:00 AM - 06:05 AM	62.2	48.6	08:40 AM - 08:45 AM	52.9	42.5
03:25 AM - 03:30 AM	46.2	37.0	06:05 AM - 06:10 AM	59.9	47.4	08:45 AM - 08:50 AM	60.9	45.5
03:30 AM - 03:35 AM	43.0	36.7	06:10 AM - 06:15 AM	60.9	47.7	08:50 AM - 08:55 AM	60.4	43.6
03:35 AM - 03:40 AM	45.0	37.3	06:15 AM - 06:20 AM	56.0	47.4	08:55 AM - 09:00 AM	58.6	42.4
03:40 AM - 03:45 AM	41.6	36.3	06:20 AM - 06:25 AM	62.4	49.1	09:00 AM - 09:05 AM	52.2	44.1
03:45 AM - 03:50 AM	39.5	35.7	06:25 AM - 06:30 AM	65.7	50.3	09:05 AM - 09:10 AM	58.7	44.3
03:50 AM - 03:55 AM	41.2	35.7	06:30 AM - 06:35 AM	60.2	47.8	09:10 AM - 09:15 AM	53.4	44.5
03:55 AM - 04:00 AM	44.6	36.5	06:35 AM - 06:40 AM	55.3	47.5	09:15 AM - 09:20 AM	53.1	43.6
04:00 AM - 04:05 AM	45.2	36.1	06:40 AM - 06:45 AM	58.5	46.7	09:20 AM - 09:25 AM	54.4	43.0
04:05 AM - 04:10 AM	40.7	35.9	06:45 AM - 06:50 AM	60.5	47.6	09:25 AM - 09:30 AM	53.7	43.2
04:10 AM - 04:15 AM	46.5	35.9	06:50 AM - 06:55 AM	54.8	44.1	09:30 AM - 09:35 AM	60.5	43.9
04:15 AM - 04:20 AM	49.4	37.3	06:55 AM - 07:00 AM	56.2	48.3	09:35 AM - 09:40 AM	49.5	41.7
04:20 AM - 04:25 AM	42.5	36.1	07:00 AM - 07:05 AM	59.8	46.4	09:40 AM - 09:45 AM	53.2	41.9
04:25 AM - 04:30 AM	41.9	37.3	07:05 AM - 07:10 AM	53.2	45.5	09:45 AM - 09:50 AM	53.2	42.2
04:30 AM - 04:35 AM	42.6	37.0	07:10 AM - 07:15 AM	57.6	45.0	09:50 AM - 09:55 AM	60.6	48.3
04:35 AM - 04:40 AM	51.1	39.7	07:15 AM - 07:20 AM	53.6	44.6	09:55 AM - 10:00 AM	61.8	47.1

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655373-1

Sample Number 2338620-2
Parameter Noise Level (Leq 5 min)
Location บ้านรังสาคมปอม (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	49.6	41.8	12:40 PM - 12:45 PM	52.4	44.3	03:20 PM - 03:25 PM	61.9	45.3
10:05 AM - 10:10 AM	59.8	43.6	12:45 PM - 12:50 PM	52.4	43.3	03:25 PM - 03:30 PM	49.2	41.4
10:10 AM - 10:15 AM	52.6	42.5	12:50 PM - 12:55 PM	52.6	42.9	03:30 PM - 03:35 PM	52.5	45.0
10:15 AM - 10:20 AM	60.0	45.5	12:55 PM - 01:00 PM	55.8	44.4	03:35 PM - 03:40 PM	49.9	43.4
10:20 AM - 10:25 AM	60.8	50.1	01:00 PM - 01:05 PM	52.0	43.4	03:40 PM - 03:45 PM	53.2	43.7
10:25 AM - 10:30 AM	56.0	52.6	01:05 PM - 01:10 PM	53.2	44.4	03:45 PM - 03:50 PM	57.3	46.9
10:30 AM - 10:35 AM	61.8	45.1	01:10 PM - 01:15 PM	58.6	46.9	03:50 PM - 03:55 PM	55.8	44.5
10:35 AM - 10:40 AM	57.0	45.5	01:15 PM - 01:20 PM	54.5	46.0	03:55 PM - 04:00 PM	56.2	45.7
10:40 AM - 10:45 AM	52.6	43.8	01:20 PM - 01:25 PM	55.1	43.3	04:00 PM - 04:05 PM	50.8	44.8
10:45 AM - 10:50 AM	56.3	43.8	01:25 PM - 01:30 PM	52.7	44.2	04:05 PM - 04:10 PM	57.9	45.5
10:50 AM - 10:55 AM	59.8	42.9	01:30 PM - 01:35 PM	51.6	42.1	04:10 PM - 04:15 PM	52.3	48.8
10:55 AM - 11:00 AM	59.3	42.6	01:35 PM - 01:40 PM	58.4	45.6	04:15 PM - 04:20 PM	54.5	49.3
11:00 AM - 11:05 AM	59.0	48.8	01:40 PM - 01:45 PM	59.0	46.0	04:20 PM - 04:25 PM	51.1	48.8
11:05 AM - 11:10 AM	54.7	42.8	01:45 PM - 01:50 PM	52.9	44.2	04:25 PM - 04:30 PM	55.2	45.6
11:10 AM - 11:15 AM	57.4	54.7	01:50 PM - 01:55 PM	52.7	44.1	04:30 PM - 04:35 PM	51.7	45.1
11:15 AM - 11:20 AM	53.4	43.3	01:55 PM - 02:00 PM	58.7	47.3	04:35 PM - 04:40 PM	50.4	44.0
11:20 AM - 11:25 AM	54.2	42.1	02:00 PM - 02:05 PM	53.4	45.9	04:40 PM - 04:45 PM	55.5	46.4
11:25 AM - 11:30 AM	63.6	49.5	02:05 PM - 02:10 PM	52.2	44.7	04:45 PM - 04:50 PM	58.2	45.6
11:30 AM - 11:35 AM	64.2	51.6	02:10 PM - 02:15 PM	57.0	42.8	04:50 PM - 04:55 PM	54.8	42.7
11:35 AM - 11:40 AM	58.9	40.0	02:15 PM - 02:20 PM	59.9	45.0	04:55 PM - 05:00 PM	57.4	45.6
11:40 AM - 11:45 AM	63.2	44.6	02:20 PM - 02:25 PM	59.3	44.6	05:00 PM - 05:05 PM	54.0	42.9
11:45 AM - 11:50 AM	48.6	40.0	02:25 PM - 02:30 PM	58.8	44.4	05:05 PM - 05:10 PM	53.1	44.2
11:50 AM - 11:55 AM	52.0	43.0	02:30 PM - 02:35 PM	54.0	43.0	05:10 PM - 05:15 PM	58.7	46.0
11:55 AM - 12:00 PM	60.7	41.3	02:35 PM - 02:40 PM	63.6	56.8	05:15 PM - 05:20 PM	51.3	45.2
12:00 PM - 12:05 PM	52.5	43.4	02:40 PM - 02:45 PM	60.8	53.0	05:20 PM - 05:25 PM	55.6	48.4
12:05 PM - 12:10 PM	60.5	51.3	02:45 PM - 02:50 PM	50.7	46.0	05:25 PM - 05:30 PM	52.3	47.1
12:10 PM - 12:15 PM	55.0	50.1	02:50 PM - 02:55 PM	49.8	43.5	05:30 PM - 05:35 PM	53.1	46.1
12:15 PM - 12:20 PM	58.3	50.4	02:55 PM - 03:00 PM	53.1	44.6	05:35 PM - 05:40 PM	55.9	45.3
12:20 PM - 12:25 PM	60.5	46.1	03:00 PM - 03:05 PM	48.7	44.0	05:40 PM - 05:45 PM	54.0	45.8
12:25 PM - 12:30 PM	56.7	43.4	03:05 PM - 03:10 PM	58.4	42.9	05:45 PM - 05:50 PM	55.7	46.4
12:30 PM - 12:35 PM	53.6	42.3	03:10 PM - 03:15 PM	54.7	44.2	05:50 PM - 05:55 PM	56.3	43.3
12:35 PM - 12:40 PM	55.2	43.6	03:15 PM - 03:20 PM	62.4	42.8	05:55 PM - 06:00 PM	59.6	45.0

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655373-1

Sample Number 2338620-2
Parameter Noise Level (Leq 5 min)
Location บ้านรังสาคมปอม (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07 - May 08, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	69.2	63.1	08:40 PM - 08:45 PM	46.0	39.3	11:20 PM - 11:25 PM	43.1	39.1
06:05 PM - 06:10 PM	67.6	66.7	08:45 PM - 08:50 PM	44.4	39.2	11:25 PM - 11:30 PM	45.9	37.8
06:10 PM - 06:15 PM	62.3	58.5	08:50 PM - 08:55 PM	44.1	38.7	11:30 PM - 11:35 PM	49.0	44.0
06:15 PM - 06:20 PM	53.9	45.6	08:55 PM - 09:00 PM	46.6	37.8	11:35 PM - 11:40 PM	45.4	40.0
06:20 PM - 06:25 PM	53.5	46.3	09:00 PM - 09:05 PM	46.9	39.4	11:40 PM - 11:45 PM	40.7	36.6
06:25 PM - 06:30 PM	49.8	43.3	09:05 PM - 09:10 PM	48.4	39.1	11:45 PM - 11:50 PM	39.1	36.0
06:30 PM - 06:35 PM	51.2	44.1	09:10 PM - 09:15 PM	47.2	37.7	11:50 PM - 11:55 PM	42.5	35.9
06:35 PM - 06:40 PM	49.8	42.7	09:15 PM - 09:20 PM	43.0	38.1	11:55 PM - 12:00 AM	36.8	35.3
06:40 PM - 06:45 PM	50.7	44.1	09:20 PM - 09:25 PM	48.4	38.5	12:00 AM - 12:05 AM	42.4	35.3
06:45 PM - 06:50 PM	54.2	44.0	09:25 PM - 09:30 PM	45.0	37.2	12:05 AM - 12:10 AM	39.9	35.5
06:50 PM - 06:55 PM	48.6	42.9	09:30 PM - 09:35 PM	60.9	56.9	12:10 AM - 12:15 AM	55.0	37.8
06:55 PM - 07:00 PM	50.2	43.2	09:35 PM - 09:40 PM	62.3	60.5	12:15 AM - 12:20 AM	60.8	58.6
07:00 PM - 07:05 PM	46.4	41.6	09:40 PM - 09:45 PM	53.8	37.1	12:20 AM - 12:25 AM	59.1	55.3
07:05 PM - 07:10 PM	47.9	41.6	09:45 PM - 09:50 PM	43.1	37.0	12:25 AM - 12:30 AM	48.3	35.2
07:10 PM - 07:15 PM	46.9	41.5	09:50 PM - 09:55 PM	42.9	37.6	12:30 AM - 12:35 AM	36.3	34.9
07:15 PM - 07:20 PM	48.1	41.7	09:55 PM - 10:00 PM	43.7	38.1	12:35 AM - 12:40 AM	39.0	34.8
07:20 PM - 07:25 PM	48.0	40.9	10:00 PM - 10:05 PM	43.4	37.8	12:40 AM - 12:45 AM	39.3	35.2
07:25 PM - 07:30 PM	46.0	41.7	10:05 PM - 10:10 PM	50.7	37.6	12:45 AM - 12:50 AM	40.5	35.9
07:30 PM - 07:35 PM	51.2	42.3	10:10 PM - 10:15 PM	46.9	36.7	12:50 AM - 12:55 AM	44.1	35.8
07:35 PM - 07:40 PM	52.5	43.3	10:15 PM - 10:20 PM	45.7	38.0	12:55 AM - 01:00 AM	42.8	34.4
07:40 PM - 07:45 PM	49.8	43.3	10:20 PM - 10:25 PM	44.5	37.9	01:00 AM - 01:05 AM	38.4	34.5
07:45 PM - 07:50 PM	50.0	43.5	10:25 PM - 10:30 PM	48.8	37.9	01:05 AM - 01:10 AM	42.3	34.9
07:50 PM - 07:55 PM	53.2	42.0	10:30 PM - 10:35 PM	46.5	37.8	01:10 AM - 01:15 AM	39.5	34.9
07:55 PM - 08:00 PM	51.6	40.7	10:35 PM - 10:40 PM	45.7	37.1	01:15 AM - 01:20 AM	43.9	35.7
08:00 PM - 08:05 PM	49.5	41.9	10:40 PM - 10:45 PM	44.6	37.9	01:20 AM - 01:25 AM	40.9	34.5
08:05 PM - 08:10 PM	46.0	40.3	10:45 PM - 10:50 PM	43.1	37.4	01:25 AM - 01:30 AM	43.8	34.6
08:10 PM - 08:15 PM	47.3	41.3	10:50 PM - 10:55 PM	48.1	35.0	01:30 AM - 01:35 AM	36.0	34.7
08:15 PM - 08:20 PM	44.9	39.1	10:55 PM - 11:00 PM	41.3	35.5	01:35 AM - 01:40 AM	42.4	35.3
08:20 PM - 08:25 PM	46.4	39.3	11:00 PM - 11:05 PM	38.2	35.4	01:40 AM - 01:45 AM	38.1	35.0
08:25 PM - 08:30 PM	47.4	39.4	11:05 PM - 11:10 PM	37.5	35.0	01:45 AM - 01:50 AM	41.4	35.9
08:30 PM - 08:35 PM	46.7	39.6	11:10 PM - 11:15 PM	37.5	35.4	01:50 AM - 01:55 AM	36.9	35.0
08:35 PM - 08:40 PM	43.1	39.7	11:15 PM - 11:20 PM	43.1	36.7	01:55 AM - 02:00 AM	39.7	34.7

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655373-1

Sample Number 2338620-2
Parameter Noise Level (Leq 5 min)
Location บ้านรังสาคมปอม (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	48.6	35.1	04:40 AM - 04:45 AM	53.4	39.9	07:20 AM - 07:25 AM	63.3	45.5
02:05 AM - 02:10 AM	42.3	35.8	04:45 AM - 04:50 AM	68.0	65.5	07:25 AM - 07:30 AM	54.7	44.8
02:10 AM - 02:15 AM	37.4	35.8	04:50 AM - 04:55 AM	67.9	66.4	07:30 AM - 07:35 AM	55.1	46.7
02:15 AM - 02:20 AM	40.8	35.8	04:55 AM - 05:00 AM	61.4	47.2	07:35 AM - 07:40 AM	56.5	46.3
02:20 AM - 02:25 AM	51.6	37.8	05:00 AM - 05:05 AM	53.2	44.0	07:40 AM - 07:45 AM	54.9	46.5
02:25 AM - 02:30 AM	38.0	34.1	05:05 AM - 05:10 AM	53.9	41.8	07:45 AM - 07:50 AM	56.4	46.2
02:30 AM - 02:35 AM	35.4	33.9	05:10 AM - 05:15 AM	55.1	41.5	07:50 AM - 07:55 AM	65.7	49.2
02:35 AM - 02:40 AM	42.1	34.4	05:15 AM - 05:20 AM	48.4	44.3	07:55 AM - 08:00 AM	56.4	46.8
02:40 AM - 02:45 AM	36.1	34.0	05:20 AM - 05:25 AM	48.3	41.8	08:00 AM - 08:05 AM	50.6	44.4
02:45 AM - 02:50 AM	37.4	34.9	05:25 AM - 05:30 AM	51.4	43.7	08:05 AM - 08:10 AM	52.6	43.9
02:50 AM - 02:55 AM	43.7	34.9	05:30 AM - 05:35 AM	56.8	44.3	08:10 AM - 08:15 AM	58.1	43.5
02:55 AM - 03:00 AM	42.3	34.8	05:35 AM - 05:40 AM	53.8	45.6	08:15 AM - 08:20 AM	55.0	43.7
03:00 AM - 03:05 AM	38.4	34.7	05:40 AM - 05:45 AM	52.4	45.8	08:20 AM - 08:25 AM	59.2	46.9
03:05 AM - 03:10 AM	36.4	34.7	05:45 AM - 05:50 AM	61.3	46.1	08:25 AM - 08:30 AM	56.0	44.2
03:10 AM - 03:15 AM	39.6	34.5	05:50 AM - 05:55 AM	57.2	46.4	08:30 AM - 08:35 AM	55.8	52.9
03:15 AM - 03:20 AM	36.7	34.5	05:55 AM - 06:00 AM	53.5	46.7	08:35 AM - 08:40 AM	56.4	54.2
03:20 AM - 03:25 AM	36.3	34.0	06:00 AM - 06:05 AM	57.7	46.7	08:40 AM - 08:45 AM	56.5	54.0
03:25 AM - 03:30 AM	41.9	33.6	06:05 AM - 06:10 AM	57.3	47.8	08:45 AM - 08:50 AM	58.5	54.1
03:30 AM - 03:35 AM	38.2	34.1	06:10 AM - 06:15 AM	57.2	48.3	08:50 AM - 08:55 AM	55.7	54.1
03:35 AM - 03:40 AM	41.4	34.8	06:15 AM - 06:20 AM	55.0	48.2	08:55 AM - 09:00 AM	54.5	45.9
03:40 AM - 03:45 AM	40.3	34.8	06:20 AM - 06:25 AM	56.3	47.8	09:00 AM - 09:05 AM	52.7	43.4
03:45 AM - 03:50 AM	41.7	35.7	06:25 AM - 06:30 AM	56.3	48.8	09:05 AM - 09:10 AM	47.8	41.7
03:50 AM - 03:55 AM	39.8	35.0	06:30 AM - 06:35 AM	59.8	49.6	09:10 AM - 09:15 AM	50.7	43.0
03:55 AM - 04:00 AM	41.2	35.9	06:35 AM - 06:40 AM	55.6	48.2	09:15 AM - 09:20 AM	54.9	45.4
04:00 AM - 04:05 AM	46.5	35.5	06:40 AM - 06:45 AM	55.6	48.4	09:20 AM - 09:25 AM	46.6	40.4
04:05 AM - 04:10 AM	38.5	35.3	06:45 AM - 06:50 AM	62.0	49.4	09:25 AM - 09:30 AM	58.1	46.1
04:10 AM - 04:15 AM	43.3	36.4	06:50 AM - 06:55 AM	60.4	51.0	09:30 AM - 09:35 AM	59.6	43.1
04:15 AM - 04:20 AM	40.3	35.8	06:55 AM - 07:00 AM	58.9	48.1	09:35 AM - 09:40 AM	51.3	42.3
04:20 AM - 04:25 AM	39.2	36.0	07:00 AM - 07:05 AM	56.1	46.1	09:40 AM - 09:45 AM	52.0	44.9
04:25 AM - 04:30 AM	45.6	38.1	07:05 AM - 07:10 AM	54.3	45.9	09:45 AM - 09:50 AM	52.5	45.5
04:30 AM - 04:35 AM	43.7	36.4	07:10 AM - 07:15 AM	60.9	47.9	09:50 AM - 09:55 AM	57.2	45.0
04:35 AM - 04:40 AM	50.8	40.7	07:15 AM - 07:20 AM	55.5	46.2	09:55 AM - 10:00 AM	52.6	45.6

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655374-1

Sample Number 2338620-3
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	53.2	45.3	12:40 PM - 12:45 PM	50.1	43.9	03:20 PM - 03:25 PM	65.4	57.2
10:05 AM - 10:10 AM	54.1	44.8	12:45 PM - 12:50 PM	58.5	47.4	03:25 PM - 03:30 PM	58.7	53.7
10:10 AM - 10:15 AM	53.0	45.3	12:50 PM - 12:55 PM	52.0	46.9	03:30 PM - 03:35 PM	55.7	51.7
10:15 AM - 10:20 AM	51.0	42.0	12:55 PM - 01:00 PM	52.0	44.5	03:35 PM - 03:40 PM	56.1	50.5
10:20 AM - 10:25 AM	59.9	44.2	01:00 PM - 01:05 PM	55.3	45.6	03:40 PM - 03:45 PM	51.9	45.3
10:25 AM - 10:30 AM	57.1	44.6	01:05 PM - 01:10 PM	50.7	46.0	03:45 PM - 03:50 PM	51.1	44.3
10:30 AM - 10:35 AM	53.6	45.7	01:10 PM - 01:15 PM	53.9	45.4	03:50 PM - 03:55 PM	58.3	47.1
10:35 AM - 10:40 AM	54.4	43.4	01:15 PM - 01:20 PM	52.4	45.0	03:55 PM - 04:00 PM	50.1	45.6
10:40 AM - 10:45 AM	58.2	41.6	01:20 PM - 01:25 PM	57.2	44.5	04:00 PM - 04:05 PM	59.5	45.6
10:45 AM - 10:50 AM	53.9	43.8	01:25 PM - 01:30 PM	48.7	43.8	04:05 PM - 04:10 PM	49.1	44.5
10:50 AM - 10:55 AM	61.3	47.6	01:30 PM - 01:35 PM	49.6	43.2	04:10 PM - 04:15 PM	52.4	45.7
10:55 AM - 11:00 AM	62.5	43.9	01:35 PM - 01:40 PM	59.0	45.7	04:15 PM - 04:20 PM	54.5	47.1
11:00 AM - 11:05 AM	55.5	44.3	01:40 PM - 01:45 PM	49.8	45.0	04:20 PM - 04:25 PM	53.4	46.7
11:05 AM - 11:10 AM	55.5	44.3	01:45 PM - 01:50 PM	54.1	44.2	04:25 PM - 04:30 PM	60.6	49.4
11:10 AM - 11:15 AM	55.0	44.2	01:50 PM - 01:55 PM	58.0	44.9	04:30 PM - 04:35 PM	70.6	48.7
11:15 AM - 11:20 AM	49.3	43.6	01:55 PM - 02:00 PM	50.9	42.3	04:35 PM - 04:40 PM	55.8	48.4
11:20 AM - 11:25 AM	54.7	46.0	02:00 PM - 02:05 PM	54.9	44.3	04:40 PM - 04:45 PM	55.7	49.2
11:25 AM - 11:30 AM	59.2	44.7	02:05 PM - 02:10 PM	53.3	46.2	04:45 PM - 04:50 PM	68.3	49.5
11:30 AM - 11:35 AM	54.9	48.3	02:10 PM - 02:15 PM	51.7	45.5	04:50 PM - 04:55 PM	54.1	48.7
11:35 AM - 11:40 AM	64.2	51.6	02:15 PM - 02:20 PM	51.8	44.7	04:55 PM - 05:00 PM	58.5	50.5
11:40 AM - 11:45 AM	65.7	65.2	02:20 PM - 02:25 PM	50.1	43.0	05:00 PM - 05:05 PM	54.2	49.3
11:45 AM - 11:50 AM	66.0	65.1	02:25 PM - 02:30 PM	52.6	44.7	05:05 PM - 05:10 PM	59.1	47.5
11:50 AM - 11:55 AM	68.1	65.1	02:30 PM - 02:35 PM	51.3	44.4	05:10 PM - 05:15 PM	56.2	47.1
11:55 AM - 12:00 PM	67.5	66.6	02:35 PM - 02:40 PM	52.5	45.6	05:15 PM - 05:20 PM	53.4	47.0
12:00 PM - 12:05 PM	67.0	66.2	02:40 PM - 02:45 PM	51.7	44.8	05:20 PM - 05:25 PM	53.3	46.5
12:05 PM - 12:10 PM	65.1	44.3	02:45 PM - 02:50 PM	53.6	43.9	05:25 PM - 05:30 PM	49.9	43.6
12:10 PM - 12:15 PM	50.8	42.2	02:50 PM - 02:55 PM	47.9	41.6	05:30 PM - 05:35 PM	50.7	44.9
12:15 PM - 12:20 PM	51.3	42.4	02:55 PM - 03:00 PM	52.6	44.1	05:35 PM - 05:40 PM	54.5	45.9
12:20 PM - 12:25 PM	49.5	41.4	03:00 PM - 03:05 PM	53.9	44.9	05:40 PM - 05:45 PM	53.9	45.2
12:25 PM - 12:30 PM	48.8	43.5	03:05 PM - 03:10 PM	51.8	43.7	05:45 PM - 05:50 PM	53.6	44.3
12:30 PM - 12:35 PM	61.5	45.6	03:10 PM - 03:15 PM	59.3	46.2	05:50 PM - 05:55 PM	53.8	44.2
12:35 PM - 12:40 PM	60.9	45.8	03:15 PM - 03:20 PM	65.3	58.5	05:55 PM - 06:00 PM	66.1	48.0

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655374-1

Sample Number 2338620-3
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08 - May 09, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	68.9	67.5	08:40 PM - 08:45 PM	46.3	41.7	11:20 PM - 11:25 PM	41.9	39.5
06:05 PM - 06:10 PM	65.7	61.6	08:45 PM - 08:50 PM	46.8	40.5	11:25 PM - 11:30 PM	41.1	39.3
06:10 PM - 06:15 PM	56.6	47.9	08:50 PM - 08:55 PM	57.6	41.1	11:30 PM - 11:35 PM	44.3	40.0
06:15 PM - 06:20 PM	53.7	46.1	08:55 PM - 09:00 PM	47.5	38.7	11:35 PM - 11:40 PM	44.7	40.2
06:20 PM - 06:25 PM	52.9	46.2	09:00 PM - 09:05 PM	49.1	39.9	11:40 PM - 11:45 PM	44.9	39.5
06:25 PM - 06:30 PM	52.5	45.7	09:05 PM - 09:10 PM	46.0	37.2	11:45 PM - 11:50 PM	43.4	36.3
06:30 PM - 06:35 PM	53.2	46.1	09:10 PM - 09:15 PM	45.8	37.9	11:50 PM - 11:55 PM	46.4	38.8
06:35 PM - 06:40 PM	50.1	44.1	09:15 PM - 09:20 PM	48.3	39.1	11:55 PM - 12:00 AM	44.9	41.0
06:40 PM - 06:45 PM	52.1	46.1	09:20 PM - 09:25 PM	43.5	37.4	12:00 AM - 12:05 AM	46.1	42.9
06:45 PM - 06:50 PM	50.7	45.5	09:25 PM - 09:30 PM	44.4	37.3	12:05 AM - 12:10 AM	43.1	38.8
06:50 PM - 06:55 PM	51.9	44.7	09:30 PM - 09:35 PM	43.5	37.3	12:10 AM - 12:15 AM	42.9	37.5
06:55 PM - 07:00 PM	49.5	42.0	09:35 PM - 09:40 PM	45.0	37.0	12:15 AM - 12:20 AM	41.4	37.3
07:00 PM - 07:05 PM	51.6	42.1	09:40 PM - 09:45 PM	43.4	36.7	12:20 AM - 12:25 AM	42.8	37.6
07:05 PM - 07:10 PM	46.9	40.7	09:45 PM - 09:50 PM	55.8	36.1	12:25 AM - 12:30 AM	47.6	43.8
07:10 PM - 07:15 PM	47.9	41.7	09:50 PM - 09:55 PM	43.7	36.3	12:30 AM - 12:35 AM	53.0	48.5
07:15 PM - 07:20 PM	55.0	40.8	09:55 PM - 10:00 PM	43.8	37.5	12:35 AM - 12:40 AM	44.6	37.9
07:20 PM - 07:25 PM	51.4	43.9	10:00 PM - 10:05 PM	44.9	37.7	12:40 AM - 12:45 AM	44.3	37.4
07:25 PM - 07:30 PM	49.2	41.4	10:05 PM - 10:10 PM	45.4	39.3	12:45 AM - 12:50 AM	45.2	37.0
07:30 PM - 07:35 PM	54.4	45.9	10:10 PM - 10:15 PM	45.8	39.1	12:50 AM - 12:55 AM	38.0	36.6
07:35 PM - 07:40 PM	51.3	45.2	10:15 PM - 10:20 PM	46.5	37.7	12:55 AM - 01:00 AM	43.4	36.8
07:40 PM - 07:45 PM	50.5	43.8	10:20 PM - 10:25 PM	40.6	37.4	01:00 AM - 01:05 AM	48.6	36.5
07:45 PM - 07:50 PM	50.4	44.4	10:25 PM - 10:30 PM	45.6	37.7	01:05 AM - 01:10 AM	39.2	36.1
07:50 PM - 07:55 PM	49.4	42.0	10:30 PM - 10:35 PM	46.6	37.1	01:10 AM - 01:15 AM	41.8	37.1
07:55 PM - 08:00 PM	50.3	43.6	10:35 PM - 10:40 PM	44.4	36.7	01:15 AM - 01:20 AM	39.8	37.7
08:00 PM - 08:05 PM	46.3	41.9	10:40 PM - 10:45 PM	50.3	38.1	01:20 AM - 01:25 AM	46.6	38.7
08:05 PM - 08:10 PM	47.1	41.4	10:45 PM - 10:50 PM	44.9	37.0	01:25 AM - 01:30 AM	40.4	38.5
08:10 PM - 08:15 PM	45.6	40.2	10:50 PM - 10:55 PM	38.4	35.7	01:30 AM - 01:35 AM	40.5	38.1
08:15 PM - 08:20 PM	45.8	40.4	10:55 PM - 11:00 PM	45.8	36.8	01:35 AM - 01:40 AM	39.8	37.5
08:20 PM - 08:25 PM	47.7	40.6	11:00 PM - 11:05 PM	38.3	36.0	01:40 AM - 01:45 AM	39.9	38.6
08:25 PM - 08:30 PM	47.0	40.6	11:05 PM - 11:10 PM	45.9	36.6	01:45 AM - 01:50 AM	41.3	38.2
08:30 PM - 08:35 PM	50.9	39.5	11:10 PM - 11:15 PM	43.6	40.4	01:50 AM - 01:55 AM	46.9	37.2
08:35 PM - 08:40 PM	49.7	40.2	11:15 PM - 11:20 PM	48.1	40.0	01:55 AM - 02:00 AM	39.4	36.1

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Sarayuth Jittranont
Assistant General Manager

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Life Sciences www.alsglobal.com
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655374-1

Sample Number 2338620-3
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	38.9	35.8	04:40 AM - 04:45 AM	54.5	39.7	07:20 AM - 07:25 AM	53.5	47.6
02:05 AM - 02:10 AM	43.9	35.5	04:45 AM - 04:50 AM	71.1	65.7	07:25 AM - 07:30 AM	59.4	47.3
02:10 AM - 02:15 AM	41.9	34.9	04:50 AM - 04:55 AM	73.2	71.6	07:30 AM - 07:35 AM	53.5	47.3
02:15 AM - 02:20 AM	46.0	35.0	04:55 AM - 05:00 AM	70.2	61.3	07:35 AM - 07:40 AM	54.9	47.2
02:20 AM - 02:25 AM	48.4	35.4	05:00 AM - 05:05 AM	54.5	44.4	07:40 AM - 07:45 AM	57.2	49.1
02:25 AM - 02:30 AM	45.4	34.4	05:05 AM - 05:10 AM	46.1	39.4	07:45 AM - 07:50 AM	55.3	46.4
02:30 AM - 02:35 AM	47.2	36.1	05:10 AM - 05:15 AM	52.9	45.3	07:50 AM - 07:55 AM	57.6	46.1
02:35 AM - 02:40 AM	39.4	35.1	05:15 AM - 05:20 AM	50.9	44.8	07:55 AM - 08:00 AM	55.2	47.7
02:40 AM - 02:45 AM	36.8	34.8	05:20 AM - 05:25 AM	51.5	44.6	08:00 AM - 08:05 AM	58.6	43.2
02:45 AM - 02:50 AM	35.3	34.2	05:25 AM - 05:30 AM	50.3	44.5	08:05 AM - 08:10 AM	51.6	44.1
02:50 AM - 02:55 AM	38.8	34.5	05:30 AM - 05:35 AM	50.4	45.0	08:10 AM - 08:15 AM	59.5	44.6
02:55 AM - 03:00 AM	36.5	34.5	05:35 AM - 05:40 AM	53.1	45.6	08:15 AM - 08:20 AM	54.3	44.3
03:00 AM - 03:05 AM	38.1	34.3	05:40 AM - 05:45 AM	59.5	47.7	08:20 AM - 08:25 AM	56.8	45.7
03:05 AM - 03:10 AM	39.8	34.3	05:45 AM - 05:50 AM	55.4	52.4	08:25 AM - 08:30 AM	53.2	45.7
03:10 AM - 03:15 AM	36.3	33.6	05:50 AM - 05:55 AM	57.6	52.6	08:30 AM - 08:35 AM	57.1	44.5
03:15 AM - 03:20 AM	41.7	33.9	05:55 AM - 06:00 AM	62.1	49.0	08:35 AM - 08:40 AM	53.7	43.7
03:20 AM - 03:25 AM	46.1	33.9	06:00 AM - 06:05 AM	58.6	49.1	08:40 AM - 08:45 AM	56.5	45.0
03:25 AM - 03:30 AM	37.6	33.9	06:05 AM - 06:10 AM	54.6	48.6	08:45 AM - 08:50 AM	49.2	42.9
03:30 AM - 03:35 AM	43.0	33.7	06:10 AM - 06:15 AM	57.8	48.7	08:50 AM - 08:55 AM	55.1	42.6
03:35 AM - 03:40 AM	40.6	33.2	06:15 AM - 06:20 AM	62.4	50.6	08:55 AM - 09:00 AM	49.8	41.8
03:40 AM - 03:45 AM	35.9	32.7	06:20 AM - 06:25 AM	58.2	49.5	09:00 AM - 09:05 AM	61.0	44.9
03:45 AM - 03:50 AM	39.8	34.2	06:25 AM - 06:30 AM	61.2	50.2	09:05 AM - 09:10 AM	53.0	44.3
03:50 AM - 03:55 AM	46.4	35.3	06:30 AM - 06:35 AM	58.4	50.7	09:10 AM - 09:15 AM	55.8	44.4
03:55 AM - 04:00 AM	39.7	35.0	06:35 AM - 06:40 AM	59.8	49.4	09:15 AM - 09:20 AM	53.6	45.4
04:00 AM - 04:05 AM	46.5	35.4	06:40 AM - 06:45 AM	56.1	47.9	09:20 AM - 09:25 AM	54.9	51.8
04:05 AM - 04:10 AM	40.1	35.3	06:45 AM - 06:50 AM	59.5	48.6	09:25 AM - 09:30 AM	60.9	52.4
04:10 AM - 04:15 AM	44.3	36.6	06:50 AM - 06:55 AM	56.8	48.1	09:30 AM - 09:35 AM	55.0	52.0
04:15 AM - 04:20 AM	44.3	36.5	06:55 AM - 07:00 AM	56.7	46.7	09:35 AM - 09:40 AM	59.6	52.1
04:20 AM - 04:25 AM	50.2	37.5	07:00 AM - 07:05 AM	54.8	46.5	09:40 AM - 09:45 AM	54.5	52.1
04:25 AM - 04:30 AM	50.8	36.4	07:05 AM - 07:10 AM	51.4	44.8	09:45 AM - 09:50 AM	58.7	52.2
04:30 AM - 04:35 AM	45.3	38.3	07:10 AM - 07:15 AM	57.5	46.7	09:50 AM - 09:55 AM	55.2	52.0
04:35 AM - 04:40 AM	45.7	38.1	07:15 AM - 07:20 AM	52.9	45.7	09:55 AM - 10:00 AM	61.8	49.1

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655375-1

Sample Number 2338620-4
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	53.2	44.0	12:40 PM - 12:45 PM	57.3	44.5	03:20 PM - 03:25 PM	52.4	45.5
10:05 AM - 10:10 AM	58.8	45.1	12:45 PM - 12:50 PM	56.9	45.3	03:25 PM - 03:30 PM	57.7	45.7
10:10 AM - 10:15 AM	59.2	44.8	12:50 PM - 12:55 PM	56.2	46.8	03:30 PM - 03:35 PM	51.8	44.0
10:15 AM - 10:20 AM	53.2	44.5	12:55 PM - 01:00 PM	56.0	45.0	03:35 PM - 03:40 PM	58.2	44.0
10:20 AM - 10:25 AM	59.5	47.1	01:00 PM - 01:05 PM	55.7	48.2	03:40 PM - 03:45 PM	53.5	45.0
10:25 AM - 10:30 AM	51.9	44.1	01:05 PM - 01:10 PM	54.9	46.9	03:45 PM - 03:50 PM	57.9	47.2
10:30 AM - 10:35 AM	51.8	43.0	01:10 PM - 01:15 PM	49.6	44.0	03:50 PM - 03:55 PM	58.4	46.8
10:35 AM - 10:40 AM	48.5	39.0	01:15 PM - 01:20 PM	54.3	45.6	03:55 PM - 04:00 PM	53.9	48.5
10:40 AM - 10:45 AM	50.1	42.8	01:20 PM - 01:25 PM	53.7	47.2	04:00 PM - 04:05 PM	64.6	47.6
10:45 AM - 10:50 AM	58.0	41.4	01:25 PM - 01:30 PM	55.4	46.1	04:05 PM - 04:10 PM	69.1	67.7
10:50 AM - 10:55 AM	56.0	43.1	01:30 PM - 01:35 PM	56.5	46.9	04:10 PM - 04:15 PM	66.6	52.3
10:55 AM - 11:00 AM	49.3	42.2	01:35 PM - 01:40 PM	55.0	45.3	04:15 PM - 04:20 PM	54.1	50.9
11:00 AM - 11:05 AM	47.0	40.6	01:40 PM - 01:45 PM	51.3	43.8	04:20 PM - 04:25 PM	59.9	51.2
11:05 AM - 11:10 AM	49.8	42.6	01:45 PM - 01:50 PM	51.6	43.9	04:25 PM - 04:30 PM	56.7	49.8
11:10 AM - 11:15 AM	54.1	44.0	01:50 PM - 01:55 PM	51.5	45.4	04:30 PM - 04:35 PM	53.6	48.8
11:15 AM - 11:20 AM	55.7	46.9	01:55 PM - 02:00 PM	58.1	46.0	04:35 PM - 04:40 PM	57.4	48.9
11:20 AM - 11:25 AM	58.7	57.4	02:00 PM - 02:05 PM	51.7	47.6	04:40 PM - 04:45 PM	58.5	48.4
11:25 AM - 11:30 AM	60.0	49.1	02:05 PM - 02:10 PM	58.8	47.5	04:45 PM - 04:50 PM	53.9	48.0
11:30 AM - 11:35 AM	53.8	49.1	02:10 PM - 02:15 PM	52.7	46.9	04:50 PM - 04:55 PM	53.3	47.7
11:35 AM - 11:40 AM	59.1	46.3	02:15 PM - 02:20 PM	52.1	46.2	04:55 PM - 05:00 PM	56.2	47.2
11:40 AM - 11:45 AM	46.9	41.0	02:20 PM - 02:25 PM	55.4	47.0	05:00 PM - 05:05 PM	54.9	47.4
11:45 AM - 11:50 AM	51.6	39.3	02:25 PM - 02:30 PM	58.7	46.8	05:05 PM - 05:10 PM	52.3	47.7
11:50 AM - 11:55 AM	54.1	49.6	02:30 PM - 02:35 PM	53.9	46.0	05:10 PM - 05:15 PM	50.9	46.3
11:55 AM - 12:00 PM	65.6	42.0	02:35 PM - 02:40 PM	49.6	44.0	05:15 PM - 05:20 PM	52.3	46.4
12:00 PM - 12:05 PM	49.3	41.4	02:40 PM - 02:45 PM	59.3	46.9	05:20 PM - 05:25 PM	54.7	46.4
12:05 PM - 12:10 PM	47.2	42.1	02:45 PM - 02:50 PM	52.4	44.9	05:25 PM - 05:30 PM	52.7	44.9
12:10 PM - 12:15 PM	50.9	42.4	02:50 PM - 02:55 PM	52.7	44.8	05:30 PM - 05:35 PM	51.8	46.2
12:15 PM - 12:20 PM	57.9	51.7	02:55 PM - 03:00 PM	49.3	44.5	05:35 PM - 05:40 PM	53.5	46.6
12:20 PM - 12:25 PM	58.8	45.6	03:00 PM - 03:05 PM	47.7	43.8	05:40 PM - 05:45 PM	50.3	45.1
12:25 PM - 12:30 PM	51.6	44.3	03:05 PM - 03:10 PM	57.5	44.4	05:45 PM - 05:50 PM	52.7	45.1
12:30 PM - 12:35 PM	61.6	45.1	03:10 PM - 03:15 PM	60.0	46.2	05:50 PM - 05:55 PM	53.5	46.1
12:35 PM - 12:40 PM	53.1	43.1	03:15 PM - 03:20 PM	51.9	43.1	05:55 PM - 06:00 PM	69.6	48.6

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Sarayuth Jittranont
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655375-1

Sample Number 2338620-4
Parameter Noise Level (Leq 5 min)
Location บ้านวังอ้อมหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09 - May 10, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	72.6	71.6	08:40 PM - 08:45 PM	50.3	42.5	11:20 PM - 11:25 PM	46.8	39.7
06:05 PM - 06:10 PM	69.1	66.7	08:45 PM - 08:50 PM	46.4	39.2	11:25 PM - 11:30 PM	45.3	43.7
06:10 PM - 06:15 PM	62.0	56.0	08:50 PM - 08:55 PM	47.6	40.7	11:30 PM - 11:35 PM	45.8	43.2
06:15 PM - 06:20 PM	54.6	46.1	08:55 PM - 09:00 PM	44.6	39.1	11:35 PM - 11:40 PM	49.3	41.7
06:20 PM - 06:25 PM	53.3	46.9	09:00 PM - 09:05 PM	47.4	39.4	11:40 PM - 11:45 PM	43.3	40.0
06:25 PM - 06:30 PM	54.1	45.9	09:05 PM - 09:10 PM	48.6	38.7	11:45 PM - 11:50 PM	51.2	40.9
06:30 PM - 06:35 PM	50.2	45.2	09:10 PM - 09:15 PM	45.8	40.6	11:50 PM - 11:55 PM	51.6	41.3
06:35 PM - 06:40 PM	50.5	44.8	09:15 PM - 09:20 PM	47.1	39.4	11:55 PM - 12:00 AM	48.3	41.0
06:40 PM - 06:45 PM	52.9	44.9	09:20 PM - 09:25 PM	45.0	39.2	12:00 AM - 12:05 AM	50.5	47.5
06:45 PM - 06:50 PM	50.6	45.2	09:25 PM - 09:30 PM	45.8	40.3	12:05 AM - 12:10 AM	49.5	46.7
06:50 PM - 06:55 PM	50.0	44.9	09:30 PM - 09:35 PM	47.8	40.3	12:10 AM - 12:15 AM	47.6	44.7
06:55 PM - 07:00 PM	57.0	44.9	09:35 PM - 09:40 PM	43.6	38.9	12:15 AM - 12:20 AM	43.7	40.4
07:00 PM - 07:05 PM	47.2	44.0	09:40 PM - 09:45 PM	45.2	39.2	12:20 AM - 12:25 AM	42.0	38.9
07:05 PM - 07:10 PM	48.7	43.5	09:45 PM - 09:50 PM	43.9	39.8	12:25 AM - 12:30 AM	39.1	36.6
07:10 PM - 07:15 PM	46.6	43.1	09:50 PM - 09:55 PM	45.5	39.4	12:30 AM - 12:35 AM	37.4	35.2
07:15 PM - 07:20 PM	47.3	42.1	09:55 PM - 10:00 PM	46.0	39.9	12:35 AM - 12:40 AM	44.4	35.3
07:20 PM - 07:25 PM	48.8	42.9	10:00 PM - 10:05 PM	42.1	39.0	12:40 AM - 12:45 AM	42.7	35.3
07:25 PM - 07:30 PM	50.3	43.3	10:05 PM - 10:10 PM	43.2	38.8	12:45 AM - 12:50 AM	40.2	36.7
07:30 PM - 07:35 PM	51.0	45.3	10:10 PM - 10:15 PM	44.4	38.6	12:50 AM - 12:55 AM	44.3	37.0
07:35 PM - 07:40 PM	55.0	47.1	10:15 PM - 10:20 PM	42.0	38.4	12:55 AM - 01:00 AM	49.2	37.0
07:40 PM - 07:45 PM	54.6	46.7	10:20 PM - 10:25 PM	42.8	39.0	01:00 AM - 01:05 AM	37.9	36.7
07:45 PM - 07:50 PM	51.2	44.5	10:25 PM - 10:30 PM	43.3	38.8	01:05 AM - 01:10 AM	39.8	37.1
07:50 PM - 07:55 PM	47.6	43.7	10:30 PM - 10:35 PM	47.3	38.8	01:10 AM - 01:15 AM	40.9	37.4
07:55 PM - 08:00 PM	48.7	42.1	10:35 PM - 10:40 PM	47.2	39.2	01:15 AM - 01:20 AM	39.5	37.0
08:00 PM - 08:05 PM	48.4	42.1	10:40 PM - 10:45 PM	48.2	38.9	01:20 AM - 01:25 AM	41.6	36.8
08:05 PM - 08:10 PM	50.7	42.5	10:45 PM - 10:50 PM	46.9	40.2	01:25 AM - 01:30 AM	44.4	36.4
08:10 PM - 08:15 PM	45.0	41.0	10:50 PM - 10:55 PM	46.0	39.6	01:30 AM - 01:35 AM	39.9	37.8
08:15 PM - 08:20 PM	47.9	40.8	10:55 PM - 11:00 PM	43.8	39.3	01:35 AM - 01:40 AM	40.1	35.5
08:20 PM - 08:25 PM	48.1	41.0	11:00 PM - 11:05 PM	42.6	38.3	01:40 AM - 01:45 AM	36.1	34.9
08:25 PM - 08:30 PM	49.1	42.5	11:05 PM - 11:10 PM	44.6	38.4	01:45 AM - 01:50 AM	41.1	34.2
08:30 PM - 08:35 PM	46.9	41.9	11:10 PM - 11:15 PM	42.7	38.1	01:50 AM - 01:55 AM	48.6	35.8
08:35 PM - 08:40 PM	45.2	39.0	11:15 PM - 11:20 PM	44.3	38.6	01:55 AM - 02:00 AM	41.6	32.7

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655375-1

Sample Number 2338620-4
Parameter Noise Level (Leq 5 min)
Location บ้านวังอ้อมหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	36.9	33.8	04:40 AM - 04:45 AM	48.0	45.5	07:20 AM - 07:25 AM	55.7	46.6
02:05 AM - 02:10 AM	40.7	34.2	04:45 AM - 04:50 AM	57.3	46.0	07:25 AM - 07:30 AM	53.6	47.6
02:10 AM - 02:15 AM	44.8	36.1	04:50 AM - 04:55 AM	73.9	69.5	07:30 AM - 07:35 AM	56.7	48.0
02:15 AM - 02:20 AM	49.3	36.2	04:55 AM - 05:00 AM	74.0	70.9	07:35 AM - 07:40 AM	57.1	48.8
02:20 AM - 02:25 AM	47.8	35.8	05:00 AM - 05:05 AM	65.9	56.0	07:40 AM - 07:45 AM	58.7	47.6
02:25 AM - 02:30 AM	48.6	35.9	05:05 AM - 05:10 AM	53.9	50.2	07:45 AM - 07:50 AM	56.0	49.0
02:30 AM - 02:35 AM	39.5	37.2	05:10 AM - 05:15 AM	52.3	49.7	07:50 AM - 07:55 AM	57.2	48.8
02:35 AM - 02:40 AM	39.7	36.5	05:15 AM - 05:20 AM	52.2	49.3	07:55 AM - 08:00 AM	53.8	48.0
02:40 AM - 02:45 AM	41.7	36.0	05:20 AM - 05:25 AM	54.1	49.3	08:00 AM - 08:05 AM	55.7	47.8
02:45 AM - 02:50 AM	43.5	34.3	05:25 AM - 05:30 AM	51.4	48.2	08:05 AM - 08:10 AM	54.8	47.1
02:50 AM - 02:55 AM	44.3	36.3	05:30 AM - 05:35 AM	50.3	47.7	08:10 AM - 08:15 AM	59.5	47.9
02:55 AM - 03:00 AM	45.7	35.2	05:35 AM - 05:40 AM	53.9	48.1	08:15 AM - 08:20 AM	53.7	45.8
03:00 AM - 03:05 AM	52.9	37.4	05:40 AM - 05:45 AM	53.6	48.7	08:20 AM - 08:25 AM	53.9	43.1
03:05 AM - 03:10 AM	47.1	45.5	05:45 AM - 05:50 AM	54.7	48.9	08:25 AM - 08:30 AM	51.3	45.7
03:10 AM - 03:15 AM	51.3	50.4	05:50 AM - 05:55 AM	58.9	49.8	08:30 AM - 08:35 AM	58.0	45.8
03:15 AM - 03:20 AM	51.9	50.8	05:55 AM - 06:00 AM	56.5	49.7	08:35 AM - 08:40 AM	55.3	45.5
03:20 AM - 03:25 AM	53.0	52.4	06:00 AM - 06:05 AM	57.7	50.2	08:40 AM - 08:45 AM	51.3	45.0
03:25 AM - 03:30 AM	51.8	50.4	06:05 AM - 06:10 AM	55.2	49.6	08:45 AM - 08:50 AM	49.1	44.3
03:30 AM - 03:35 AM	51.5	49.6	06:10 AM - 06:15 AM	57.0	50.8	08:50 AM - 08:55 AM	59.6	46.3
03:35 AM - 03:40 AM	50.4	49.5	06:15 AM - 06:20 AM	56.6	49.5	08:55 AM - 09:00 AM	56.2	44.6
03:40 AM - 03:45 AM	49.5	47.6	06:20 AM - 06:25 AM	56.9	49.5	09:00 AM - 09:05 AM	51.2	44.8
03:45 AM - 03:50 AM	48.7	47.0	06:25 AM - 06:30 AM	59.6	52.0	09:05 AM - 09:10 AM	52.2	45.8
03:50 AM - 03:55 AM	51.2	48.1	06:30 AM - 06:35 AM	59.2	51.8	09:10 AM - 09:15 AM	59.2	46.9
03:55 AM - 04:00 AM	48.3	46.9	06:35 AM - 06:40 AM	62.1	49.0	09:15 AM - 09:20 AM	52.1	45.9
04:00 AM - 04:05 AM	49.8	48.0	06:40 AM - 06:45 AM	58.4	49.6	09:20 AM - 09:25 AM	53.2	44.5
04:05 AM - 04:10 AM	49.4	48.2	06:45 AM - 06:50 AM	58.4	49.3	09:25 AM - 09:30 AM	52.5	45.8
04:10 AM - 04:15 AM	49.2	47.9	06:50 AM - 06:55 AM	56.8	48.9	09:30 AM - 09:35 AM	49.1	44.5
04:15 AM - 04:20 AM	50.5	48.5	06:55 AM - 07:00 AM	55.0	48.8	09:35 AM - 09:40 AM	53.9	44.2
04:20 AM - 04:25 AM	50.5	49.2	07:00 AM - 07:05 AM	57.8	47.1	09:40 AM - 09:45 AM	50.9	44.7
04:25 AM - 04:30 AM	49.5	47.5	07:05 AM - 07:10 AM	53.6	46.5	09:45 AM - 09:50 AM	51.4	43.9
04:30 AM - 04:35 AM	48.3	45.6	07:10 AM - 07:15 AM	52.9	47.2	09:50 AM - 09:55 AM	50.9	44.5
04:35 AM - 04:40 AM	51.7	45.4	07:15 AM - 07:20 AM	60.4	47.8	09:55 AM - 10:00 AM	55.3	44.9

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655376-1

Sample Number 2338620-5
Parameter Noise Level (Leq 5 min)
Location บ้านวังอ้อมหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	56.6	45.2	12:40 PM - 12:45 PM	52.9	43.9	03:20 PM - 03:25 PM	55.9	48.9
10:05 AM - 10:10 AM	53.0	46.0	12:45 PM - 12:50 PM	59.2	41.8	03:25 PM - 03:30 PM	64.1	52.7
10:10 AM - 10:15 AM	59.8	46.6	12:50 PM - 12:55 PM	50.6	41.6	03:30 PM - 03:35 PM	60.5	52.0
10:15 AM - 10:20 AM	52.0	45.5	12:55 PM - 01:00 PM	52.5	44.9	03:35 PM - 03:40 PM	57.2	50.5
10:20 AM - 10:25 AM	62.5	48.7	01:00 PM - 01:05 PM	54.5	41.8	03:40 PM - 03:45 PM	58.1	50.9
10:25 AM - 10:30 AM	50.6	44.7	01:05 PM - 01:10 PM	58.2	43.0	03:45 PM - 03:50 PM	59.5	54.5
10:30 AM - 10:35 AM	51.3	43.5	01:10 PM - 01:15 PM	54.0	41.8	03:50 PM - 03:55 PM	60.7	54.7
10:35 AM - 10:40 AM	53.3	44.8	01:15 PM - 01:20 PM	54.4	42.6	03:55 PM - 04:00 PM	60.3	53.3
10:40 AM - 10:45 AM	55.2	45.9	01:20 PM - 01:25 PM	50.0	41.8	04:00 PM - 04:05 PM	56.5	51.9
10:45 AM - 10:50 AM	56.3	46.6	01:25 PM - 01:30 PM	54.0	42.3	04:05 PM - 04:10 PM	59.0	49.7
10:50 AM - 10:55 AM	52.1	45.2	01:30 PM - 01:35 PM	51.3	42.7	04:10 PM - 04:15 PM	52.5	46.2
10:55 AM - 11:00 AM	53.2	44.2	01:35 PM - 01:40 PM	53.7	45.3	04:15 PM - 04:20 PM	58.1	49.0
11:00 AM - 11:05 AM	52.6	46.2	01:40 PM - 01:45 PM	49.5	42.7	04:20 PM - 04:25 PM	56.1	48.8
11:05 AM - 11:10 AM	57.4	48.4	01:45 PM - 01:50 PM	55.1	42.9	04:25 PM - 04:30 PM	54.8	49.0
11:10 AM - 11:15 AM	57.4	47.0	01:50 PM - 01:55 PM	50.0	42.6	04:30 PM - 04:35 PM	58.2	49.6
11:15 AM - 11:20 AM	50.9	44.0	01:55 PM - 02:00 PM	55.0	44.8	04:35 PM - 04:40 PM	55.4	49.4
11:20 AM - 11:25 AM	51.7	43.0	02:00 PM - 02:05 PM	56.5	41.4	04:40 PM - 04:45 PM	59.1	49.0
11:25 AM - 11:30 AM	56.5	43.6	02:05 PM - 02:10 PM	52.4	43.7	04:45 PM - 04:50 PM	57.0	47.1
11:30 AM - 11:35 AM	58.5	43.8	02:10 PM - 02:15 PM	56.4	46.2	04:50 PM - 04:55 PM	52.8	48.5
11:35 AM - 11:40 AM	51.4	42.3	02:15 PM - 02:20 PM	53.7	44.2	04:55 PM - 05:00 PM	53.7	47.2
11:40 AM - 11:45 AM	63.1	41.4	02:20 PM - 02:25 PM	54.8	44.8	05:00 PM - 05:05 PM	53.6	49.3
11:45 AM - 11:50 AM	60.9	42.6	02:25 PM - 02:30 PM	52.5	42.4	05:05 PM - 05:10 PM	53.2	46.1
11:50 AM - 11:55 AM	52.4	41.9	02:30 PM - 02:35 PM	51.7	42.2	05:10 PM - 05:15 PM	59.3	49.1
11:55 AM - 12:00 PM	61.8	58.3	02:35 PM - 02:40 PM	54.7	44.9	05:15 PM - 05:20 PM	51.4	47.6
12:00 PM - 12:05 PM	64.8	63.1	02:40 PM - 02:45 PM	50.3	41.2	05:20 PM - 05:25 PM	52.7	47.7
12:05 PM - 12:10 PM	61.1	42.4	02:45 PM - 02:50 PM	58.8	45.4	05:25 PM - 05:30 PM	60.8	49.8
12:10 PM - 12:15 PM	49.6	39.9	02:50 PM - 02:55 PM	58.7	44.4	05:30 PM - 05:35 PM	57.0	47.6
12:15 PM - 12:20 PM	53.4	40.8	02:55 PM - 03:00 PM	52.0	42.2	05:35 PM - 05:40 PM	52.9	47.0
12:20 PM - 12:25 PM	53.8	42.8	03:00 PM - 03:05 PM	51.7	41.0	05:40 PM - 05:45 PM	55.1	46.7
12:25 PM - 12:30 PM	49.4	42.5	03:05 PM - 03:10 PM	59.3	44.4	05:45 PM - 05:50 PM	55.2	45.9
12:30 PM - 12:35 PM	53.8	44.9	03:10 PM - 03:15 PM	55.7	48.2	05:50 PM - 05:55 PM	56.9	46.2
12:35 PM - 12:40 PM	55.0	44.8	03:15 PM - 03:20 PM	62.3	49.9	05:55 PM - 06:00 PM	58.6	48.2

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Approved by
Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655376-1

Sample Number 2338620-5
Parameter Noise Level (Leq 5 min)
Location บ้านวังอ้อมหม่อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10 - May 11, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	70.0	68.2	08:40 PM - 08:45 PM	44.6	40.9	11:20 PM - 11:25 PM	51.6	39.4
06:05 PM - 06:10 PM	66.4	62.3	08:45 PM - 08:50 PM	50.5	40.6	11:25 PM - 11:30 PM	42.3	39.6
06:10 PM - 06:15 PM	57.9	48.7	08:50 PM - 08:55 PM	52.0	39.0	11:30 PM - 11:35 PM	44.9	39.5
06:15 PM - 06:20 PM	49.1	43.2	08:55 PM - 09:00 PM	48.4	40.3	11:35 PM - 11:40 PM	46.2	39.5
06:20 PM - 06:25 PM	52.2	45.8	09:00 PM - 09:05 PM	51.3	39.9	11:40 PM - 11:45 PM	44.9	40.0
06:25 PM - 06:30 PM	53.3	44.1	09:05 PM - 09:10 PM	54.9	41.2	11:45 PM - 11:50 PM	45.9	39.6
06:30 PM - 06:35 PM	49.4	42.7	09:10 PM - 09:15 PM	47.8	40.4	11:50 PM - 11:55 PM	51.0	39.5
06:35 PM - 06:40 PM	51.7	44.3	09:15 PM - 09:20 PM	52.2	40.4	11:55 PM - 12:00 AM	42.0	38.7
06:40 PM - 06:45 PM	53.6	45.4	09:20 PM - 09:25 PM	44.9	40.4	12:00 AM - 12:05 AM	47.7	39.6
06:45 PM - 06:50 PM	53.1	44.9	09:25 PM - 09:30 PM	45.9	39.4	12:05 AM - 12:10 AM	48.6	38.8
06:50 PM - 06:55 PM	49.1	43.4	09:30 PM - 09:35 PM	46.4	39.9	12:10 AM - 12:15 AM	52.0	38.5
06:55 PM - 07:00 PM	56.5	46.6	09:35 PM - 09:40 PM	45.4	40.1	12:15 AM - 12:20 AM	40.0	38.3
07:00 PM - 07:05 PM	56.3	44.3	09:40 PM - 09:45 PM	45.7	40.6	12:20 AM - 12:25 AM	40.3	37.8
07:05 PM - 07:10 PM	54.6	45.9	09:45 PM - 09:50 PM	43.5	39.9	12:25 AM - 12:30 AM	41.5	37.9
07:10 PM - 07:15 PM	47.5	42.3	09:50 PM - 09:55 PM	44.9	40.1	12:30 AM - 12:35 AM	42.0	38.6
07:15 PM - 07:20 PM	48.4	41.1	09:55 PM - 10:00 PM	52.8	41.4	12:35 AM - 12:40 AM	52.9	39.6
07:20 PM - 07:25 PM	49.5	44.4	10:00 PM - 10:05 PM	46.1	41.0	12:40 AM - 12:45 AM	42.3	39.3
07:25 PM - 07:30 PM	53.9	43.5	10:05 PM - 10:10 PM	46.4	40.2	12:45 AM - 12:50 AM	40.6	38.3
07:30 PM - 07:35 PM	50.5	45.0	10:10 PM - 10:15 PM	43.6	39.7	12:50 AM - 12:55 AM	41.7	38.6
07:35 PM - 07:40 PM	52.4	45.8	10:15 PM - 10:20 PM	43.3	40.1	12:55 AM - 01:00 AM	47.3	38.6
07:40 PM - 07:45 PM	51.3	44.9	10:20 PM - 10:25 PM	42.8	39.7	01:00 AM - 01:05 AM	51.7	37.4
07:45 PM - 07:50 PM	54.7	46.8	10:25 PM - 10:30 PM	50.1	41.4	01:05 AM - 01:10 AM	40.3	36.3
07:50 PM - 07:55 PM	51.4	45.8	10:30 PM - 10:35 PM	47.2	39.9	01:10 AM - 01:15 AM	45.0	38.4
07:55 PM - 08:00 PM	57.4	44.8	10:35 PM - 10:40 PM	44.3	40.3	01:15 AM - 01:20 AM	48.2	39.5
08:00 PM - 08:05 PM	49.4	44.0	10:40 PM - 10:45 PM	42.0	38.9	01:20 AM - 01:25 AM	43.8	42.1
08:05 PM - 08:10 PM	52.9	43.7	10:45 PM - 10:50 PM	53.9	39.8	01:25 AM - 01:30 AM	52.3	42.6
08:10 PM - 08:15 PM	55.1	42.1	10:50 PM - 10:55 PM	48.4	39.2	01:30 AM - 01:35 AM	42.1	37.5
08:15 PM - 08:20 PM	54.3	44.5	10:55 PM - 11:00 PM	42.6	38.6	01:35 AM - 01:40 AM	40.6	37.4
08:20 PM - 08:25 PM	49.9	40.8	11:00 PM - 11:05 PM	48.9	40.0	01:40 AM - 01:45 AM	43.2	37.6
08:25 PM - 08:30 PM	52.0	40.5	11:05 PM - 11:10 PM	47.5	39.8	01:45 AM - 01:50 AM	40.3	38.3
08:30 PM - 08:35 PM	56.5	41.9	11:10 PM - 11:15 PM	52.0	39.3	01:50 AM - 01:55 AM	48.1	38.7
08:35 PM - 08:40 PM	48.5	42.7	11:15 PM - 11:20 PM	50.8	39.2	01:55 AM - 02:00 AM	53.4	39.2

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Approved by
Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655376-1

Sample Number 2338620-5
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	39.5	37.7	04:40 AM - 04:45 AM	64.5	41.6	07:20 AM - 07:25 AM	60.7	46.9
02:05 AM - 02:10 AM	38.3	37.4	04:45 AM - 04:50 AM	72.8	71.6	07:25 AM - 07:30 AM	59.2	47.7
02:10 AM - 02:15 AM	41.4	37.7	04:50 AM - 04:55 AM	71.8	70.3	07:30 AM - 07:35 AM	53.5	46.8
02:15 AM - 02:20 AM	59.5	37.4	04:55 AM - 05:00 AM	63.3	44.8	07:35 AM - 07:40 AM	55.7	47.4
02:20 AM - 02:25 AM	48.1	38.3	05:00 AM - 05:05 AM	51.9	43.1	07:40 AM - 07:45 AM	57.3	48.0
02:25 AM - 02:30 AM	41.5	37.3	05:05 AM - 05:10 AM	51.9	41.7	07:45 AM - 07:50 AM	64.0	49.6
02:30 AM - 02:35 AM	53.2	37.3	05:10 AM - 05:15 AM	50.3	43.1	07:50 AM - 07:55 AM	55.9	46.6
02:35 AM - 02:40 AM	45.0	38.6	05:15 AM - 05:20 AM	49.7	43.1	07:55 AM - 08:00 AM	52.6	45.3
02:40 AM - 02:45 AM	38.5	37.5	05:20 AM - 05:25 AM	55.4	46.2	08:00 AM - 08:05 AM	59.5	47.4
02:45 AM - 02:50 AM	41.8	38.0	05:25 AM - 05:30 AM	50.2	44.6	08:05 AM - 08:10 AM	51.1	45.1
02:50 AM - 02:55 AM	40.7	38.7	05:30 AM - 05:35 AM	50.2	44.1	08:10 AM - 08:15 AM	52.7	45.2
02:55 AM - 03:00 AM	52.7	39.0	05:35 AM - 05:40 AM	54.3	44.3	08:15 AM - 08:20 AM	52.7	46.8
03:00 AM - 03:05 AM	44.8	38.1	05:40 AM - 05:45 AM	52.3	45.0	08:20 AM - 08:25 AM	50.5	43.7
03:05 AM - 03:10 AM	40.6	38.1	05:45 AM - 05:50 AM	55.9	46.2	08:25 AM - 08:30 AM	50.9	44.8
03:10 AM - 03:15 AM	43.9	38.1	05:50 AM - 05:55 AM	56.7	45.8	08:30 AM - 08:35 AM	51.0	43.7
03:15 AM - 03:20 AM	41.7	38.2	05:55 AM - 06:00 AM	54.1	48.8	08:35 AM - 08:40 AM	51.9	46.1
03:20 AM - 03:25 AM	47.8	38.2	06:00 AM - 06:05 AM	59.5	48.5	08:40 AM - 08:45 AM	55.3	43.7
03:25 AM - 03:30 AM	46.8	38.9	06:05 AM - 06:10 AM	55.4	48.5	08:45 AM - 08:50 AM	55.0	43.9
03:30 AM - 03:35 AM	52.7	39.8	06:10 AM - 06:15 AM	64.0	51.7	08:50 AM - 08:55 AM	55.3	43.2
03:35 AM - 03:40 AM	42.7	37.1	06:15 AM - 06:20 AM	56.4	48.2	08:55 AM - 09:00 AM	50.9	45.2
03:40 AM - 03:45 AM	44.1	37.6	06:20 AM - 06:25 AM	60.0	49.6	09:00 AM - 09:05 AM	56.5	43.9
03:45 AM - 03:50 AM	42.3	39.0	06:25 AM - 06:30 AM	58.1	47.4	09:05 AM - 09:10 AM	49.8	43.3
03:50 AM - 03:55 AM	54.2	38.0	06:30 AM - 06:35 AM	63.3	51.5	09:10 AM - 09:15 AM	49.6	43.0
03:55 AM - 04:00 AM	45.2	38.3	06:35 AM - 06:40 AM	62.6	51.2	09:15 AM - 09:20 AM	52.7	44.1
04:00 AM - 04:05 AM	43.9	37.8	06:40 AM - 06:45 AM	58.6	49.4	09:20 AM - 09:25 AM	50.8	44.6
04:05 AM - 04:10 AM	43.9	37.4	06:45 AM - 06:50 AM	65.8	51.6	09:25 AM - 09:30 AM	57.9	46.7
04:10 AM - 04:15 AM	46.4	38.2	06:50 AM - 06:55 AM	60.7	48.4	09:30 AM - 09:35 AM	53.3	44.9
04:15 AM - 04:20 AM	43.1	38.1	06:55 AM - 07:00 AM	57.8	47.6	09:35 AM - 09:40 AM	59.6	46.2
04:20 AM - 04:25 AM	44.4	38.6	07:00 AM - 07:05 AM	56.2	46.1	09:40 AM - 09:45 AM	52.7	44.3
04:25 AM - 04:30 AM	44.9	38.1	07:05 AM - 07:10 AM	58.7	48.0	09:45 AM - 09:50 AM	48.6	42.3
04:30 AM - 04:35 AM	45.8	38.5	07:10 AM - 07:15 AM	59.7	45.8	09:50 AM - 09:55 AM	57.8	43.0
04:35 AM - 04:40 AM	47.5	40.6	07:15 AM - 07:20 AM	59.8	47.4	09:55 AM - 10:00 AM	53.1	40.5

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655377-1

Sample Number 2338620-6
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	53.5	45.2	12:40 PM - 12:45 PM	62.0	44.9	03:20 PM - 03:25 PM	56.7	44.6
10:05 AM - 10:10 AM	51.2	43.3	12:45 PM - 12:50 PM	49.8	44.4	03:25 PM - 03:30 PM	50.3	44.1
10:10 AM - 10:15 AM	56.8	46.5	12:50 PM - 12:55 PM	52.2	44.0	03:30 PM - 03:35 PM	54.4	46.3
10:15 AM - 10:20 AM	49.3	40.6	12:55 PM - 01:00 PM	45.6	42.8	03:35 PM - 03:40 PM	51.6	44.5
10:20 AM - 10:25 AM	55.8	45.0	01:00 PM - 01:05 PM	47.1	41.9	03:40 PM - 03:45 PM	49.7	44.0
10:25 AM - 10:30 AM	57.8	44.5	01:05 PM - 01:10 PM	58.4	45.3	03:45 PM - 03:50 PM	52.9	45.1
10:30 AM - 10:35 AM	52.9	44.1	01:10 PM - 01:15 PM	49.9	44.6	03:50 PM - 03:55 PM	51.7	44.8
10:35 AM - 10:40 AM	68.0	49.3	01:15 PM - 01:20 PM	54.6	45.0	03:55 PM - 04:00 PM	54.0	45.9
10:40 AM - 10:45 AM	72.2	66.1	01:20 PM - 01:25 PM	50.1	42.2	04:00 PM - 04:05 PM	56.8	44.5
10:45 AM - 10:50 AM	70.1	59.9	01:25 PM - 01:30 PM	57.7	43.2	04:05 PM - 04:10 PM	54.3	46.3
10:50 AM - 10:55 AM	55.9	48.5	01:30 PM - 01:35 PM	53.0	41.6	04:10 PM - 04:15 PM	57.6	47.8
10:55 AM - 11:00 AM	53.4	46.5	01:35 PM - 01:40 PM	58.8	42.1	04:15 PM - 04:20 PM	72.0	49.8
11:00 AM - 11:05 AM	53.6	44.7	01:40 PM - 01:45 PM	50.9	43.4	04:20 PM - 04:25 PM	70.6	49.8
11:05 AM - 11:10 AM	59.1	44.6	01:45 PM - 01:50 PM	50.1	42.1	04:25 PM - 04:30 PM	57.2	49.1
11:10 AM - 11:15 AM	55.8	43.0	01:50 PM - 01:55 PM	52.3	42.6	04:30 PM - 04:35 PM	52.9	47.3
11:15 AM - 11:20 AM	51.1	42.6	01:55 PM - 02:00 PM	49.8	43.2	04:35 PM - 04:40 PM	56.5	48.5
11:20 AM - 11:25 AM	53.6	43.5	02:00 PM - 02:05 PM	58.1	44.5	04:40 PM - 04:45 PM	57.7	49.2
11:25 AM - 11:30 AM	56.9	43.3	02:05 PM - 02:10 PM	53.0	40.9	04:45 PM - 04:50 PM	58.3	48.6
11:30 AM - 11:35 AM	51.4	40.4	02:10 PM - 02:15 PM	51.5	44.1	04:50 PM - 04:55 PM	55.3	48.6
11:35 AM - 11:40 AM	55.7	43.2	02:15 PM - 02:20 PM	48.4	42.3	04:55 PM - 05:00 PM	54.0	47.2
11:40 AM - 11:45 AM	51.9	42.7	02:20 PM - 02:25 PM	58.3	45.8	05:00 PM - 05:05 PM	58.7	47.6
11:45 AM - 11:50 AM	53.0	41.7	02:25 PM - 02:30 PM	54.0	43.5	05:05 PM - 05:10 PM	54.8	47.8
11:50 AM - 11:55 AM	51.4	42.5	02:30 PM - 02:35 PM	49.8	42.2	05:10 PM - 05:15 PM	56.2	46.5
11:55 AM - 12:00 PM	47.6	40.2	02:35 PM - 02:40 PM	59.4	44.3	05:15 PM - 05:20 PM	51.3	45.6
12:00 PM - 12:05 PM	60.7	39.2	02:40 PM - 02:45 PM	61.3	53.6	05:20 PM - 05:25 PM	51.6	46.1
12:05 PM - 12:10 PM	50.5	41.6	02:45 PM - 02:50 PM	67.5	56.7	05:25 PM - 05:30 PM	51.7	46.3
12:10 PM - 12:15 PM	52.4	41.8	02:50 PM - 02:55 PM	66.7	56.0	05:30 PM - 05:35 PM	50.1	45.3
12:15 PM - 12:20 PM	54.1	42.3	02:55 PM - 03:00 PM	70.2	65.0	05:35 PM - 05:40 PM	49.2	43.7
12:20 PM - 12:25 PM	54.9	43.1	03:00 PM - 03:05 PM	68.7	53.3	05:40 PM - 05:45 PM	49.7	43.4
12:25 PM - 12:30 PM	53.8	44.0	03:05 PM - 03:10 PM	53.9	46.5	05:45 PM - 05:50 PM	54.1	44.3
12:30 PM - 12:35 PM	57.8	43.1	03:10 PM - 03:15 PM	55.1	46.4	05:50 PM - 05:55 PM	61.7	45.2
12:35 PM - 12:40 PM	58.4	48.1	03:15 PM - 03:20 PM	52.9	44.5	05:55 PM - 06:00 PM	72.8	69.4

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655377-1

Sample Number 2338620-6
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11 - May 12, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	73.9	71.5	08:40 PM - 08:45 PM	46.4	39.8	11:20 PM - 11:25 PM	41.0	36.4
06:05 PM - 06:10 PM	66.4	62.7	08:45 PM - 08:50 PM	47.2	39.7	11:25 PM - 11:30 PM	42.2	36.4
06:10 PM - 06:15 PM	58.5	53.9	08:50 PM - 08:55 PM	45.4	39.2	11:30 PM - 11:35 PM	38.6	36.9
06:15 PM - 06:20 PM	51.7	46.3	08:55 PM - 09:00 PM	44.9	38.2	11:35 PM - 11:40 PM	39.9	36.0
06:20 PM - 06:25 PM	51.2	44.7	09:00 PM - 09:05 PM	48.9	40.2	11:40 PM - 11:45 PM	39.7	35.8
06:25 PM - 06:30 PM	55.6	46.3	09:05 PM - 09:10 PM	42.8	38.0	11:45 PM - 11:50 PM	38.1	36.0
06:30 PM - 06:35 PM	51.5	46.9	09:10 PM - 09:15 PM	45.5	38.9	11:50 PM - 11:55 PM	39.6	36.3
06:35 PM - 06:40 PM	52.2	44.3	09:15 PM - 09:20 PM	48.4	39.1	11:55 PM - 12:00 AM	40.1	36.8
06:40 PM - 06:45 PM	52.0	45.4	09:20 PM - 09:25 PM	48.5	38.8	12:00 AM - 12:05 AM	42.4	37.0
06:45 PM - 06:50 PM	52.9	45.1	09:25 PM - 09:30 PM	47.7	38.5	12:05 AM - 12:10 AM	39.3	36.5
06:50 PM - 06:55 PM	49.8	43.6	09:30 PM - 09:35 PM	48.1	39.6	12:10 AM - 12:15 AM	39.0	36.3
06:55 PM - 07:00 PM	53.6	44.4	09:35 PM - 09:40 PM	47.2	39.4	12:15 AM - 12:20 AM	38.8	36.7
07:00 PM - 07:05 PM	53.9	42.0	09:40 PM - 09:45 PM	45.6	38.1	12:20 AM - 12:25 AM	38.5	35.7
07:05 PM - 07:10 PM	52.2	49.9	09:45 PM - 09:50 PM	44.8	37.8	12:25 AM - 12:30 AM	40.9	36.0
07:10 PM - 07:15 PM	52.4	50.2	09:50 PM - 09:55 PM	43.5	38.1	12:30 AM - 12:35 AM	40.4	36.3
07:15 PM - 07:20 PM	53.7	42.2	09:55 PM - 10:00 PM	39.9	37.1	12:35 AM - 12:40 AM	45.7	37.2
07:20 PM - 07:25 PM	49.7	42.0	10:00 PM - 10:05 PM	41.5	37.6	12:40 AM - 12:45 AM	43.8	36.8
07:25 PM - 07:30 PM	50.7	42.5	10:05 PM - 10:10 PM	47.7	39.7	12:45 AM - 12:50 AM	42.2	37.0
07:30 PM - 07:35 PM	51.0	44.8	10:10 PM - 10:15 PM	43.7	37.7	12:50 AM - 12:55 AM	40.8	37.1
07:35 PM - 07:40 PM	52.3	47.4	10:15 PM - 10:20 PM	45.8	37.9	12:55 AM - 01:00 AM	41.5	36.8
07:40 PM - 07:45 PM	52.9	45.3	10:20 PM - 10:25 PM	44.2	37.1	01:00 AM - 01:05 AM	38.9	36.7
07:45 PM - 07:50 PM	53.2	46.5	10:25 PM - 10:30 PM	41.5	37.0	01:05 AM - 01:10 AM	41.3	36.3
07:50 PM - 07:55 PM	50.8	43.0	10:30 PM - 10:35 PM	62.9	37.2	01:10 AM - 01:15 AM	37.8	35.8
07:55 PM - 08:00 PM	51.1	43.6	10:35 PM - 10:40 PM	41.6	36.9	01:15 AM - 01:20 AM	37.3	36.0
08:00 PM - 08:05 PM	51.5	43.5	10:40 PM - 10:45 PM	46.4	38.2	01:20 AM - 01:25 AM	38.4	35.9
08:05 PM - 08:10 PM	49.4	43.4	10:45 PM - 10:50 PM	46.0	38.5	01:25 AM - 01:30 AM	36.4	35.4
08:10 PM - 08:15 PM	54.3	41.9	10:50 PM - 10:55 PM	41.3	36.4	01:30 AM - 01:35 AM	38.9	35.8
08:15 PM - 08:20 PM	50.2	42.1	10:55 PM - 11:00 PM	44.6	36.1	01:35 AM - 01:40 AM	53.2	36.4
08:20 PM - 08:25 PM	47.5	41.4	11:00 PM - 11:05 PM	44.9	37.2	01:40 AM - 01:45 AM	44.8	36.2
08:25 PM - 08:30 PM	47.2	41.5	11:05 PM - 11:10 PM	52.3	48.8	01:45 AM - 01:50 AM	37.4	35.4
08:30 PM - 08:35 PM	45.9	40.1	11:10 PM - 11:15 PM	50.6	47.4	01:50 AM - 01:55 AM	39.8	35.6
08:35 PM - 08:40 PM	43.9	40.3	11:15 PM - 11:20 PM	45.2	40.4	01:55 AM - 02:00 AM	36.1	35.0

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655377-1

Sample Number 2338620-6
Parameter Noise Level (Leq 5 min)
Location บ้านวังลานหม้อน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	46.0	35.9	04:40 AM - 04:45 AM	62.4	39.3	07:20 AM - 07:25 AM	57.2	51.8
02:05 AM - 02:10 AM	38.2	35.2	04:45 AM - 04:50 AM	70.6	68.3	07:25 AM - 07:30 AM	58.2	52.3
02:10 AM - 02:15 AM	40.0	35.2	04:50 AM - 04:55 AM	70.6	69.4	07:30 AM - 07:35 AM	63.3	53.1
02:15 AM - 02:20 AM	39.0	35.4	04:55 AM - 05:00 AM	60.0	51.9	07:35 AM - 07:40 AM	56.3	52.3
02:20 AM - 02:25 AM	47.4	35.3	05:00 AM - 05:05 AM	50.1	43.5	07:40 AM - 07:45 AM	57.4	51.4
02:25 AM - 02:30 AM	48.6	35.4	05:05 AM - 05:10 AM	51.7	41.5	07:45 AM - 07:50 AM	58.7	49.6
02:30 AM - 02:35 AM	37.6	35.8	05:10 AM - 05:15 AM	49.6	41.6	07:50 AM - 07:55 AM	55.8	49.6
02:35 AM - 02:40 AM	39.5	36.5	05:15 AM - 05:20 AM	54.9	45.5	07:55 AM - 08:00 AM	56.5	49.3
02:40 AM - 02:45 AM	47.2	37.4	05:20 AM - 05:25 AM	51.1	43.8	08:00 AM - 08:05 AM	57.6	49.6
02:45 AM - 02:50 AM	42.2	36.8	05:25 AM - 05:30 AM	52.7	44.8	08:05 AM - 08:10 AM	56.4	49.3
02:50 AM - 02:55 AM	45.6	36.6	05:30 AM - 05:35 AM	51.6	47.0	08:10 AM - 08:15 AM	53.6	47.0
02:55 AM - 03:00 AM	46.3	37.5	05:35 AM - 05:40 AM	50.6	44.2	08:15 AM - 08:20 AM	56.6	47.7
03:00 AM - 03:05 AM	40.5	37.3	05:40 AM - 05:45 AM	54.0	45.8	08:20 AM - 08:25 AM	56.3	46.9
03:05 AM - 03:10 AM	41.5	37.9	05:45 AM - 05:50 AM	51.5	46.3	08:25 AM - 08:30 AM	60.8	46.9
03:10 AM - 03:15 AM	43.3	41.0	05:50 AM - 05:55 AM	56.6	47.2	08:30 AM - 08:35 AM	57.3	46.6
03:15 AM - 03:20 AM	42.5	41.0	05:55 AM - 06:00 AM	55.5	48.2	08:35 AM - 08:40 AM	54.9	47.2
03:20 AM - 03:25 AM	43.3	40.7	06:00 AM - 06:05 AM	58.1	48.1	08:40 AM - 08:45 AM	57.3	45.2
03:25 AM - 03:30 AM	41.9	40.8	06:05 AM - 06:10 AM	57.7	50.0	08:45 AM - 08:50 AM	54.1	45.8
03:30 AM - 03:35 AM	42.3	38.7	06:10 AM - 06:15 AM	58.0	51.0	08:50 AM - 08:55 AM	58.2	50.8
03:35 AM - 03:40 AM	44.7	38.3	06:15 AM - 06:20 AM	59.6	51.1	08:55 AM - 09:00 AM	55.1	48.5
03:40 AM - 03:45 AM	46.8	38.0	06:20 AM - 06:25 AM	66.2	60.9	09:00 AM - 09:05 AM	58.4	44.5
03:45 AM - 03:50 AM	44.6	36.4	06:25 AM - 06:30 AM	67.9	66.0	09:05 AM - 09:10 AM	54.1	45.1
03:50 AM - 03:55 AM	43.5	35.7	06:30 AM - 06:35 AM	67.5	64.9	09:10 AM - 09:15 AM	62.0	46.1
03:55 AM - 04:00 AM	38.5	34.9	06:35 AM - 06:40 AM	67.3	65.2	09:15 AM - 09:20 AM	50.6	44.4
04:00 AM - 04:05 AM	43.7	37.3	06:40 AM - 06:45 AM	66.2	65.1	09:20 AM - 09:25 AM	59.8	50.1
04:05 AM - 04:10 AM	47.5	35.9	06:45 AM - 06:50 AM	64.8	62.0	09:25 AM - 09:30 AM	57.4	45.7
04:10 AM - 04:15 AM	44.6	36.0	06:50 AM - 06:55 AM	62.7	60.8	09:30 AM - 09:35 AM	53.2	46.2
04:15 AM - 04:20 AM	43.1	36.3	06:55 AM - 07:00 AM	62.2	58.0	09:35 AM - 09:40 AM	54.2	45.1
04:20 AM - 04:25 AM	46.7	38.6	07:00 AM - 07:05 AM	59.2	55.2	09:40 AM - 09:45 AM	67.1	49.1
04:25 AM - 04:30 AM	49.8	40.1	07:05 AM - 07:10 AM	56.5	52.3	09:45 AM - 09:50 AM	65.1	49.0
04:30 AM - 04:35 AM	48.5	38.8	07:10 AM - 07:15 AM	58.4	52.6	09:50 AM - 09:55 AM	63.0	45.9
04:35 AM - 04:40 AM	51.2	41.3	07:15 AM - 07:20 AM	56.0	51.5	09:55 AM - 10:00 AM	52.9	46.3

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655378-1

Sample Number 2338620-7
Parameter Noise Level (Leq 5 min)
Location บ้านวังตาหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	53.1	44.5	12:40 PM - 12:45 PM	51.8	43.1	03:20 PM - 03:25 PM	49.2	44.7
10:05 AM - 10:10 AM	54.0	44.6	12:45 PM - 12:50 PM	50.0	43.4	03:25 PM - 03:30 PM	51.5	45.3
10:10 AM - 10:15 AM	51.1	45.2	12:50 PM - 12:55 PM	49.9	42.4	03:30 PM - 03:35 PM	55.1	47.0
10:15 AM - 10:20 AM	55.9	44.7	12:55 PM - 01:00 PM	59.9	45.2	03:35 PM - 03:40 PM	54.5	45.0
10:20 AM - 10:25 AM	52.3	43.9	01:00 PM - 01:05 PM	52.0	45.1	03:40 PM - 03:45 PM	56.7	48.1
10:25 AM - 10:30 AM	52.3	43.4	01:05 PM - 01:10 PM	57.7	44.6	03:45 PM - 03:50 PM	54.9	48.0
10:30 AM - 10:35 AM	61.5	46.2	01:10 PM - 01:15 PM	58.7	44.3	03:50 PM - 03:55 PM	53.6	46.5
10:35 AM - 10:40 AM	57.0	48.6	01:15 PM - 01:20 PM	60.4	43.7	03:55 PM - 04:00 PM	54.3	46.8
10:40 AM - 10:45 AM	60.6	46.3	01:20 PM - 01:25 PM	52.5	43.3	04:00 PM - 04:05 PM	55.4	48.7
10:45 AM - 10:50 AM	54.5	44.2	01:25 PM - 01:30 PM	53.5	46.4	04:05 PM - 04:10 PM	53.3	45.5
10:50 AM - 10:55 AM	66.3	45.3	01:30 PM - 01:35 PM	54.1	45.1	04:10 PM - 04:15 PM	57.4	48.4
10:55 AM - 11:00 AM	62.1	61.4	01:35 PM - 01:40 PM	49.1	43.1	04:15 PM - 04:20 PM	55.8	46.0
11:00 AM - 11:05 AM	61.8	61.1	01:40 PM - 01:45 PM	49.5	43.1	04:20 PM - 04:25 PM	54.6	46.2
11:05 AM - 11:10 AM	62.2	61.1	01:45 PM - 01:50 PM	55.7	44.8	04:25 PM - 04:30 PM	58.9	50.1
11:10 AM - 11:15 AM	61.7	61.0	01:50 PM - 01:55 PM	50.2	42.7	04:30 PM - 04:35 PM	56.6	51.3
11:15 AM - 11:20 AM	61.7	61.0	01:55 PM - 02:00 PM	65.4	47.5	04:35 PM - 04:40 PM	62.0	52.3
11:20 AM - 11:25 AM	62.0	52.6	02:00 PM - 02:05 PM	67.5	63.8	04:40 PM - 04:45 PM	57.3	50.4
11:25 AM - 11:30 AM	51.5	42.9	02:05 PM - 02:10 PM	67.0	61.9	04:45 PM - 04:50 PM	54.4	50.0
11:30 AM - 11:35 AM	51.9	43.9	02:10 PM - 02:15 PM	61.9	52.9	04:50 PM - 04:55 PM	56.0	50.2
11:35 AM - 11:40 AM	52.3	42.3	02:15 PM - 02:20 PM	58.4	46.8	04:55 PM - 05:00 PM	56.5	49.5
11:40 AM - 11:45 AM	59.3	41.6	02:20 PM - 02:25 PM	55.8	46.7	05:00 PM - 05:05 PM	59.7	49.2
11:45 AM - 11:50 AM	53.4	41.5	02:25 PM - 02:30 PM	55.7	49.7	05:05 PM - 05:10 PM	58.6	54.7
11:50 AM - 11:55 AM	49.5	39.2	02:30 PM - 02:35 PM	58.9	47.0	05:10 PM - 05:15 PM	60.5	53.4
11:55 AM - 12:00 PM	51.0	42.5	02:35 PM - 02:40 PM	52.1	41.1	05:15 PM - 05:20 PM	57.7	52.7
12:00 PM - 12:05 PM	55.7	50.0	02:40 PM - 02:45 PM	53.8	43.8	05:20 PM - 05:25 PM	56.9	49.6
12:05 PM - 12:10 PM	54.6	51.4	02:45 PM - 02:50 PM	56.2	46.3	05:25 PM - 05:30 PM	52.3	46.8
12:10 PM - 12:15 PM	52.8	46.1	02:50 PM - 02:55 PM	51.2	42.0	05:30 PM - 05:35 PM	54.3	45.5
12:15 PM - 12:20 PM	52.2	47.5	02:55 PM - 03:00 PM	48.4	40.1	05:35 PM - 05:40 PM	51.7	45.6
12:20 PM - 12:25 PM	57.0	50.8	03:00 PM - 03:05 PM	52.5	43.2	05:40 PM - 05:45 PM	52.5	45.6
12:25 PM - 12:30 PM	49.3	41.6	03:05 PM - 03:10 PM	55.2	50.1	05:45 PM - 05:50 PM	58.5	47.7
12:30 PM - 12:35 PM	59.0	44.7	03:10 PM - 03:15 PM	50.4	46.0	05:50 PM - 05:55 PM	55.4	46.9
12:35 PM - 12:40 PM	62.5	50.5	03:15 PM - 03:20 PM	56.8	45.4	05:55 PM - 06:00 PM	56.2	46.2

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655378-1

Sample Number 2338620-7
Parameter Noise Level (Leq 5 min)
Location บ้านวังตาหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12 - May 13, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	70.8	66.8	08:40 PM - 08:45 PM	47.5	41.7	11:20 PM - 11:25 PM	44.5	39.6
06:05 PM - 06:10 PM	69.5	68.2	08:45 PM - 08:50 PM	52.8	41.9	11:25 PM - 11:30 PM	46.5	39.3
06:10 PM - 06:15 PM	63.8	58.7	08:50 PM - 08:55 PM	46.1	41.2	11:30 PM - 11:35 PM	42.8	40.2
06:15 PM - 06:20 PM	59.4	48.9	08:55 PM - 09:00 PM	46.2	41.5	11:35 PM - 11:40 PM	43.7	39.8
06:20 PM - 06:25 PM	54.2	47.3	09:00 PM - 09:05 PM	48.1	41.1	11:40 PM - 11:45 PM	48.1	40.8
06:25 PM - 06:30 PM	51.4	46.1	09:05 PM - 09:10 PM	47.1	40.6	11:45 PM - 11:50 PM	47.8	41.1
06:30 PM - 06:35 PM	51.2	47.0	09:10 PM - 09:15 PM	44.7	40.8	11:50 PM - 11:55 PM	45.1	41.5
06:35 PM - 06:40 PM	56.3	47.7	09:15 PM - 09:20 PM	47.8	42.2	11:55 PM - 12:00 AM	44.2	40.3
06:40 PM - 06:45 PM	51.8	45.5	09:20 PM - 09:25 PM	45.6	41.3	12:00 AM - 12:05 AM	44.7	40.4
06:45 PM - 06:50 PM	51.8	44.3	09:25 PM - 09:30 PM	47.6	41.4	12:05 AM - 12:10 AM	42.4	40.1
06:50 PM - 06:55 PM	49.8	45.1	09:30 PM - 09:35 PM	47.4	41.1	12:10 AM - 12:15 AM	48.4	40.5
06:55 PM - 07:00 PM	52.5	45.1	09:35 PM - 09:40 PM	44.5	41.1	12:15 AM - 12:20 AM	41.6	39.7
07:00 PM - 07:05 PM	51.7	45.5	09:40 PM - 09:45 PM	49.0	42.8	12:20 AM - 12:25 AM	42.5	40.2
07:05 PM - 07:10 PM	51.2	43.8	09:45 PM - 09:50 PM	44.4	41.0	12:25 AM - 12:30 AM	44.7	40.1
07:10 PM - 07:15 PM	49.5	42.6	09:50 PM - 09:55 PM	46.5	41.5	12:30 AM - 12:35 AM	41.7	39.3
07:15 PM - 07:20 PM	52.8	44.3	09:55 PM - 10:00 PM	46.2	41.6	12:35 AM - 12:40 AM	41.3	39.1
07:20 PM - 07:25 PM	53.0	45.5	10:00 PM - 10:05 PM	49.1	41.3	12:40 AM - 12:45 AM	40.6	39.8
07:25 PM - 07:30 PM	57.2	45.4	10:05 PM - 10:10 PM	48.2	41.5	12:45 AM - 12:50 AM	41.0	39.6
07:30 PM - 07:35 PM	54.6	44.4	10:10 PM - 10:15 PM	48.7	41.0	12:50 AM - 12:55 AM	40.9	39.8
07:35 PM - 07:40 PM	51.5	45.4	10:15 PM - 10:20 PM	46.2	41.5	12:55 AM - 01:00 AM	41.0	39.3
07:40 PM - 07:45 PM	56.7	45.8	10:20 PM - 10:25 PM	44.5	42.5	01:00 AM - 01:05 AM	43.9	40.3
07:45 PM - 07:50 PM	51.3	46.7	10:25 PM - 10:30 PM	44.9	42.3	01:05 AM - 01:10 AM	41.0	39.4
07:50 PM - 07:55 PM	55.9	47.1	10:30 PM - 10:35 PM	45.9	41.1	01:10 AM - 01:15 AM	46.4	40.0
07:55 PM - 08:00 PM	50.3	44.7	10:35 PM - 10:40 PM	49.3	40.6	01:15 AM - 01:20 AM	43.9	40.1
08:00 PM - 08:05 PM	50.2	44.5	10:40 PM - 10:45 PM	47.0	40.9	01:20 AM - 01:25 AM	41.3	39.8
08:05 PM - 08:10 PM	50.3	44.1	10:45 PM - 10:50 PM	43.0	40.5	01:25 AM - 01:30 AM	44.0	40.0
08:10 PM - 08:15 PM	46.8	43.1	10:50 PM - 10:55 PM	44.4	40.7	01:30 AM - 01:35 AM	41.4	39.5
08:15 PM - 08:20 PM	47.3	42.1	10:55 PM - 11:00 PM	45.5	40.0	01:35 AM - 01:40 AM	42.4	39.0
08:20 PM - 08:25 PM	47.4	42.9	11:00 PM - 11:05 PM	47.2	39.6	01:40 AM - 01:45 AM	43.0	39.3
08:25 PM - 08:30 PM	49.5	43.0	11:05 PM - 11:10 PM	44.0	39.8	01:45 AM - 01:50 AM	40.9	38.9
08:30 PM - 08:35 PM	46.2	42.6	11:10 PM - 11:15 PM	41.1	39.6	01:50 AM - 01:55 AM	41.5	38.8
08:35 PM - 08:40 PM	48.9	43.4	11:15 PM - 11:20 PM	40.6	39.0	01:55 AM - 02:00 AM	42.2	39.9

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655378-1

Sample Number 2338620-7
Parameter Noise Level (Leq 5 min)
Location บ้านวังตาหมอน (N1) (GPS 47P 0734063, 1432127)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900072

May 13, 2023 Time	Leq dB(A)	L90 dB(A)	May 13, 2023 Time	Leq dB(A)	L90 dB(A)	May 13, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	42.2	40.1	04:40 AM - 04:45 AM	68.2	42.8	07:20 AM - 07:25 AM	55.7	48.1
02:05 AM - 02:10 AM	48.2	40.9	04:45 AM - 04:50 AM	73.0	71.3	07:25 AM - 07:30 AM	52.7	47.6
02:10 AM - 02:15 AM	48.0	39.7	04:50 AM - 04:55 AM	70.2	67.2	07:30 AM - 07:35 AM	61.4	49.6
02:15 AM - 02:20 AM	47.4	39.4	04:55 AM - 05:00 AM	60.7	45.6	07:35 AM - 07:40 AM	56.1	45.7
02:20 AM - 02:25 AM	40.4	39.0	05:00 AM - 05:05 AM	49.0	43.7	07:40 AM - 07:45 AM	60.7	48.7
02:25 AM - 02:30 AM	41.9	38.6	05:05 AM - 05:10 AM	48.1	43.2	07:45 AM - 07:50 AM	61.3	50.0
02:30 AM - 02:35 AM	44.4	39.1	05:10 AM - 05:15 AM	50.6	45.6	07:50 AM - 07:55 AM	54.6	44.9
02:35 AM - 02:40 AM	41.2	39.3	05:15 AM - 05:20 AM	53.5	43.5	07:55 AM - 08:00 AM	51.9	45.6
02:40 AM - 02:45 AM	41.0	40.0	05:20 AM - 05:25 AM	50.9	45.1	08:00 AM - 08:05 AM	51.9	44.4
02:45 AM - 02:50 AM	41.8	39.5	05:25 AM - 05:30 AM	51.9	47.0	08:05 AM - 08:10 AM	49.9	45.2
02:50 AM - 02:55 AM	41.7	39.5	05:30 AM - 05:35 AM	52.2	45.6	08:10 AM - 08:15 AM	52.6	45.2
02:55 AM - 03:00 AM	42.3	40.1	05:35 AM - 05:40 AM	56.2	46.4	08:15 AM - 08:20 AM	51.8	45.6
03:00 AM - 03:05 AM	42.9	40.2	05:40 AM - 05:45 AM	54.7	48.8	08:20 AM - 08:25 AM	51.3	43.9
03:05 AM - 03:10 AM	44.7	40.0	05:45 AM - 05:50 AM	56.7	50.3	08:25 AM - 08:30 AM	49.6	42.7
03:10 AM - 03:15 AM	42.2	39.9	05:50 AM - 05:55 AM	54.5	47.4	08:30 AM - 08:35 AM	52.9	44.4
03:15 AM - 03:20 AM	44.3	39.6	05:55 AM - 06:00 AM	56.7	45.9	08:35 AM - 08:40 AM	53.1	45.6
03:20 AM - 03:25 AM	44.8	39.4	06:00 AM - 06:05 AM	56.3	47.1	08:40 AM - 08:45 AM	57.3	45.5
03:25 AM - 03:30 AM	41.0	39.6	06:05 AM - 06:10 AM	52.7	47.1	08:45 AM - 08:50 AM	54.7	44.5
03:30 AM - 03:35 AM	48.1	39.7	06:10 AM - 06:15 AM	52.5	46.9	08:50 AM - 08:55 AM	51.6	45.5
03:35 AM - 03:40 AM	48.6	39.6	06:15 AM - 06:20 AM	55.6	48.6	08:55 AM - 09:00 AM	56.8	45.9
03:40 AM - 03:45 AM	46.1	39.6	06:20 AM - 06:25 AM	60.4	52.5	09:00 AM - 09:05 AM	51.4	46.8
03:45 AM - 03:50 AM	45.0	39.1	06:25 AM - 06:30 AM	55.4	49.5	09:05 AM - 09:10 AM	56.0	47.2
03:50 AM - 03:55 AM	41.2	39.3	06:30 AM - 06:35 AM	60.0	49.5	09:10 AM - 09:15 AM	50.4	44.8
03:55 AM - 04:00 AM	42.3	38.6	06:35 AM - 06:40 AM	56.8	48.8	09:15 AM - 09:20 AM	50.3	44.6
04:00 AM - 04:05 AM	46.1	38.8	06:40 AM - 06:45 AM	59.0	50.4	09:20 AM - 09:25 AM	50.4	44.2
04:05 AM - 04:10 AM	47.3	39.9	06:45 AM - 06:50 AM	59.3	48.2	09:25 AM - 09:30 AM	46.9	43.2
04:10 AM - 04:15 AM	42.9	39.6	06:50 AM - 06:55 AM	56.6	46.8	09:30 AM - 09:35 AM	47.4	42.2
04:15 AM - 04:20 AM	43.1	39.3	06:55 AM - 07:00 AM	57.5	47.9	09:35 AM - 09:40 AM	47.5	43.0
04:20 AM - 04:25 AM	52.0	39.9	07:00 AM - 07:05 AM	58.4	48.8	09:40 AM - 09:45 AM	49.6	43.1
04:25 AM - 04:30 AM	43.2	39.4	07:05 AM - 07:10 AM	56.8	48.1	09:45 AM - 09:50 AM	66.3	42.7
04:30 AM - 04:35 AM	48.0	40.7	07:10 AM - 07:15 AM	52.0	44.4	09:50 AM - 09:55 AM	49.0	43.5
04:35 AM - 04:40 AM	50.1	41.1	07:15 AM - 07:20 AM	55.1	45.9	09:55 AM - 10:00 AM	47.6	41.8

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Assistant General Manager

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655379-1

Sample Number 2338620-8
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบบางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	65.5	48.9	12:40 PM - 12:45 PM	57.9	43.2	03:20 PM - 03:25 PM	64.3	48.8
10:05 AM - 10:10 AM	62.9	48.0	12:45 PM - 12:50 PM	57.3	44.4	03:25 PM - 03:30 PM	63.1	48.1
10:10 AM - 10:15 AM	58.9	44.7	12:50 PM - 12:55 PM	59.2	45.9	03:30 PM - 03:35 PM	62.2	48.6
10:15 AM - 10:20 AM	59.1	45.1	12:55 PM - 01:00 PM	61.1	42.3	03:35 PM - 03:40 PM	63.2	48.5
10:20 AM - 10:25 AM	65.4	45.9	01:00 PM - 01:05 PM	62.5	43.9	03:40 PM - 03:45 PM	73.3	52.0
10:25 AM - 10:30 AM	60.6	45.1	01:05 PM - 01:10 PM	60.4	45.7	03:45 PM - 03:50 PM	62.1	57.3
10:30 AM - 10:35 AM	56.8	41.9	01:10 PM - 01:15 PM	66.8	46.8	03:50 PM - 03:55 PM	63.2	56.3
10:35 AM - 10:40 AM	59.2	40.7	01:15 PM - 01:20 PM	59.5	45.2	03:55 PM - 04:00 PM	60.6	51.2
10:40 AM - 10:45 AM	58.0	42.8	01:20 PM - 01:25 PM	68.8	48.8	04:00 PM - 04:05 PM	62.0	49.5
10:45 AM - 10:50 AM	64.2	43.4	01:25 PM - 01:30 PM	63.7	46.7	04:05 PM - 04:10 PM	65.5	51.8
10:50 AM - 10:55 AM	55.9	39.8	01:30 PM - 01:35 PM	64.5	47.9	04:10 PM - 04:15 PM	63.0	52.6
10:55 AM - 11:00 AM	59.0	41.9	01:35 PM - 01:40 PM	66.6	48.8	04:15 PM - 04:20 PM	67.9	54.9
11:00 AM - 11:05 AM	63.1	41.3	01:40 PM - 01:45 PM	64.7	48.3	04:20 PM - 04:25 PM	66.7	55.1
11:05 AM - 11:10 AM	60.4	42.3	01:45 PM - 01:50 PM	62.4	47.6	04:25 PM - 04:30 PM	64.4	51.7
11:10 AM - 11:15 AM	57.2	41.4	01:50 PM - 01:55 PM	62.2	47.2	04:30 PM - 04:35 PM	64.1	52.0
11:15 AM - 11:20 AM	59.4	41.1	01:55 PM - 02:00 PM	62.0	49.0	04:35 PM - 04:40 PM	60.6	47.2
11:20 AM - 11:25 AM	58.0	40.3	02:00 PM - 02:05 PM	63.1	47.5	04:40 PM - 04:45 PM	60.5	47.9
11:25 AM - 11:30 AM	58.7	39.8	02:05 PM - 02:10 PM	70.2	54.1	04:45 PM - 04:50 PM	63.2	50.6
11:30 AM - 11:35 AM	59.9	41.7	02:10 PM - 02:15 PM	65.9	51.8	04:50 PM - 04:55 PM	61.4	47.4
11:35 AM - 11:40 AM	53.4	39.8	02:15 PM - 02:20 PM	64.5	53.5	04:55 PM - 05:00 PM	60.7	48.0
11:40 AM - 11:45 AM	61.4	41.3	02:20 PM - 02:25 PM	66.1	49.9	05:00 PM - 05:05 PM	61.9	47.1
11:45 AM - 11:50 AM	65.8	42.6	02:25 PM - 02:30 PM	63.8	47.6	05:05 PM - 05:10 PM	63.6	49.8
11:50 AM - 11:55 AM	62.1	41.3	02:30 PM - 02:35 PM	65.3	50.3	05:10 PM - 05:15 PM	63.1	50.9
11:55 AM - 12:00 PM	62.7	42.4	02:35 PM - 02:40 PM	62.8	49.6	05:15 PM - 05:20 PM	61.2	50.3
12:00 PM - 12:05 PM	58.8	41.6	02:40 PM - 02:45 PM	66.2	49.3	05:20 PM - 05:25 PM	64.0	47.1
12:05 PM - 12:10 PM	58.5	41.7	02:45 PM - 02:50 PM	66.3	49.7	05:25 PM - 05:30 PM	62.0	47.7
12:10 PM - 12:15 PM	56.0	42.5	02:50 PM - 02:55 PM	64.4	47.7	05:30 PM - 05:35 PM	60.6	46.9
12:15 PM - 12:20 PM	57.4	45.4	02:55 PM - 03:00 PM	61.3	46.3	05:35 PM - 05:40 PM	59.7	46.9
12:20 PM - 12:25 PM	64.5	50.8	03:00 PM - 03:05 PM	61.4	49.1	05:40 PM - 05:45 PM	58.9	46.0
12:25 PM - 12:30 PM	63.0	45.0	03:05 PM - 03:10 PM	65.6	48.7	05:45 PM - 05:50 PM	60.4	47.3
12:30 PM - 12:35 PM	62.5	51.7	03:10 PM - 03:15 PM	64.1	50.3	05:50 PM - 05:55 PM	60.6	46.0
12:35 PM - 12:40 PM	59.2	44.1	03:15 PM - 03:20 PM	64.2	49.1	05:55 PM - 06:00 PM	60.6	47.9

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655379-1

Sample Number 2338620-8
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06, 2023 Time	Leq dB(A)	L90 dB(A)	May 06 - May 07, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	62.9	45.3	08:40 PM - 08:45 PM	57.2	40.7	11:20 PM - 11:25 PM	55.5	39.5
06:05 PM - 06:10 PM	59.4	45.1	08:45 PM - 08:50 PM	51.8	40.0	11:25 PM - 11:30 PM	42.6	39.4
06:10 PM - 06:15 PM	62.7	44.6	08:50 PM - 08:55 PM	50.1	40.4	11:30 PM - 11:35 PM	49.1	39.8
06:15 PM - 06:20 PM	55.7	43.2	08:55 PM - 09:00 PM	56.0	42.1	11:35 PM - 11:40 PM	52.7	40.1
06:20 PM - 06:25 PM	63.6	44.3	09:00 PM - 09:05 PM	51.1	40.8	11:40 PM - 11:45 PM	51.0	39.5
06:25 PM - 06:30 PM	65.3	44.6	09:05 PM - 09:10 PM	56.7	40.6	11:45 PM - 11:50 PM	43.6	40.5
06:30 PM - 06:35 PM	59.7	43.2	09:10 PM - 09:15 PM	59.8	40.1	11:50 PM - 11:55 PM	41.4	38.9
06:35 PM - 06:40 PM	63.0	44.2	09:15 PM - 09:20 PM	51.2	39.6	11:55 PM - 12:00 AM	40.9	38.8
06:40 PM - 06:45 PM	61.4	43.3	09:20 PM - 09:25 PM	50.5	39.7	12:00 AM - 12:05 AM	40.7	38.8
06:45 PM - 06:50 PM	55.4	43.3	09:25 PM - 09:30 PM	52.2	40.3	12:05 AM - 12:10 AM	40.1	38.5
06:50 PM - 06:55 PM	58.6	43.4	09:30 PM - 09:35 PM	65.5	40.4	12:10 AM - 12:15 AM	45.1	39.0
06:55 PM - 07:00 PM	69.0	43.0	09:35 PM - 09:40 PM	49.0	40.7	12:15 AM - 12:20 AM	48.6	38.7
07:00 PM - 07:05 PM	58.3	43.4	09:40 PM - 09:45 PM	55.2	40.5	12:20 AM - 12:25 AM	41.3	39.1
07:05 PM - 07:10 PM	58.2	43.2	09:45 PM - 09:50 PM	57.9	40.6	12:25 AM - 12:30 AM	47.5	38.8
07:10 PM - 07:15 PM	57.8	42.8	09:50 PM - 09:55 PM	56.6	39.5	12:30 AM - 12:35 AM	47.5	38.9
07:15 PM - 07:20 PM	60.1	42.7	09:55 PM - 10:00 PM	53.2	39.8	12:35 AM - 12:40 AM	41.1	38.8
07:20 PM - 07:25 PM	60.5	43.7	10:00 PM - 10:05 PM	41.3	39.5	12:40 AM - 12:45 AM	45.9	38.6
07:25 PM - 07:30 PM	58.8	44.6	10:05 PM - 10:10 PM	60.3	39.8	12:45 AM - 12:50 AM	47.0	39.0
07:30 PM - 07:35 PM	50.0	42.7	10:10 PM - 10:15 PM	61.9	41.1	12:50 AM - 12:55 AM	61.2	40.0
07:35 PM - 07:40 PM	56.1	42.1	10:15 PM - 10:20 PM	51.5	40.8	12:55 AM - 01:00 AM	42.5	39.8
07:40 PM - 07:45 PM	62.6	43.1	10:20 PM - 10:25 PM	51.1	40.3	01:00 AM - 01:05 AM	54.7	39.5
07:45 PM - 07:50 PM	53.5	42.7	10:25 PM - 10:30 PM	41.8	40.0	01:05 AM - 01:10 AM	54.0	39.4
07:50 PM - 07:55 PM	54.7	42.6	10:30 PM - 10:35 PM	60.9	39.7	01:10 AM - 01:15 AM	48.6	39.3
07:55 PM - 08:00 PM	67.8	43.4	10:35 PM - 10:40 PM	47.6	39.5	01:15 AM - 01:20 AM	57.1	38.8
08:00 PM - 08:05 PM	57.4	42.6	10:40 PM - 10:45 PM	41.7	40.0	01:20 AM - 01:25 AM	53.4	38.7
08:05 PM - 08:10 PM	54.0	42.5	10:45 PM - 10:50 PM	45.6	39.8	01:25 AM - 01:30 AM	52.4	40.3
08:10 PM - 08:15 PM	55.9	42.6	10:50 PM - 10:55 PM	56.5	40.5	01:30 AM - 01:35 AM	47.5	39.7
08:15 PM - 08:20 PM	61.3	41.7	10:55 PM - 11:00 PM	49.2	39.5	01:35 AM - 01:40 AM	56.9	41.0
08:20 PM - 08:25 PM	60.3	41.3	11:00 PM - 11:05 PM	51.0	39.3	01:40 AM - 01:45 AM	51.7	40.1
08:25 PM - 08:30 PM	56.3	41.0	11:05 PM - 11:10 PM	40.7	38.8	01:45 AM - 01:50 AM	47.7	39.6
08:30 PM - 08:35 PM	50.0	39.9	11:10 PM - 11:15 PM	53.0	40.1	01:50 AM - 01:55 AM	59.4	39.9
08:35 PM - 08:40 PM	56.2	39.8	11:15 PM - 11:20 PM	50.4	39.4	01:55 AM - 02:00 AM	56.1	40.2

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655379-1

Sample Number 2338620-8
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 06 - May 07, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	58.2	40.0	04:40 AM - 04:45 AM	69.0	50.3	07:20 AM - 07:25 AM	59.7	43.8
02:05 AM - 02:10 AM	51.3	39.8	04:45 AM - 04:50 AM	61.6	50.5	07:25 AM - 07:30 AM	63.2	45.1
02:10 AM - 02:15 AM	53.3	40.6	04:50 AM - 04:55 AM	59.9	46.7	07:30 AM - 07:35 AM	60.6	42.8
02:15 AM - 02:20 AM	60.5	41.0	04:55 AM - 05:00 AM	60.3	43.7	07:35 AM - 07:40 AM	59.3	40.9
02:20 AM - 02:25 AM	58.8	41.6	05:00 AM - 05:05 AM	62.0	45.6	07:40 AM - 07:45 AM	59.5	42.1
02:25 AM - 02:30 AM	52.2	41.7	05:05 AM - 05:10 AM	59.4	43.6	07:45 AM - 07:50 AM	61.4	43.8
02:30 AM - 02:35 AM	58.4	49.1	05:10 AM - 05:15 AM	60.6	43.7	07:50 AM - 07:55 AM	67.6	50.4
02:35 AM - 02:40 AM	60.4	46.9	05:15 AM - 05:20 AM	65.4	46.0	07:55 AM - 08:00 AM	62.0	49.5
02:40 AM - 02:45 AM	55.7	44.3	05:20 AM - 05:25 AM	62.2	41.6	08:00 AM - 08:05 AM	62.5	42.6
02:45 AM - 02:50 AM	58.6	43.7	05:25 AM - 05:30 AM	61.9	45.2	08:05 AM - 08:10 AM	61.5	42.9
02:50 AM - 02:55 AM	61.0	44.9	05:30 AM - 05:35 AM	60.1	44.9	08:10 AM - 08:15 AM	56.7	41.3
02:55 AM - 03:00 AM	60.7	43.9	05:35 AM - 05:40 AM	68.4	44.3	08:15 AM - 08:20 AM	61.0	42.1
03:00 AM - 03:05 AM	59.7	43.4	05:40 AM - 05:45 AM	64.3	45.9	08:20 AM - 08:25 AM	62.0	43.8
03:05 AM - 03:10 AM	55.1	42.9	05:45 AM - 05:50 AM	63.9	45.6	08:25 AM - 08:30 AM	62.8	51.7
03:10 AM - 03:15 AM	58.8	43.6	05:50 AM - 05:55 AM	59.6	45.3	08:30 AM - 08:35 AM	60.1	48.2
03:15 AM - 03:20 AM	58.7	44.1	05:55 AM - 06:00 AM	62.9	41.0	08:35 AM - 08:40 AM	61.4	53.3
03:20 AM - 03:25 AM	57.1	44.2	06:00 AM - 06:05 AM	62.9	44.3	08:40 AM - 08:45 AM	67.6	46.6
03:25 AM - 03:30 AM	63.4	45.1	06:05 AM - 06:10 AM	61.6	41.5	08:45 AM - 08:50 AM	61.9	45.8
03:30 AM - 03:35 AM	63.9	46.7	06:10 AM - 06:15 AM	64.1	40.8	08:50 AM - 08:55 AM	64.3	42.3
03:35 AM - 03:40 AM	63.9	45.7	06:15 AM - 06:20 AM	62.0	41.9	08:55 AM - 09:00 AM	59.3	41.1
03:40 AM - 03:45 AM	62.6	47.8	06:20 AM - 06:25 AM	59.4	43.1	09:00 AM - 09:05 AM	63.6	44.3
03:45 AM - 03:50 AM	60.3	42.5	06:25 AM - 06:30 AM	60.9	43.8	09:05 AM - 09:10 AM	58.5	46.2
03:50 AM - 03:55 AM	62.3	44.8	06:30 AM - 06:35 AM	59.9	45.2	09:10 AM - 09:15 AM	59.7	46.8
03:55 AM - 04:00 AM	60.6	44.3	06:35 AM - 06:40 AM	63.0	43.5	09:15 AM - 09:20 AM	63.3	41.7
04:00 AM - 04:05 AM	64.1	44.7	06:40 AM - 06:45 AM	62.1	43.3	09:20 AM - 09:25 AM	63.4	39.6
04:05 AM - 04:10 AM	63.0	44.6	06:45 AM - 06:50 AM	62.5	49.1	09:25 AM - 09:30 AM	62.1	44.4
04:10 AM - 04:15 AM	62.4	47.0	06:50 AM - 06:55 AM	60.8	42.4	09:30 AM - 09:35 AM	62.8	41.3
04:15 AM - 04:20 AM	66.0	45.1	06:55 AM - 07:00 AM	65.3	44.4	09:35 AM - 09:40 AM	59.6	42.1
04:20 AM - 04:25 AM	58.7	45.3	07:00 AM - 07:05 AM	62.0	44.5	09:40 AM - 09:45 AM	59.6	44.3
04:25 AM - 04:30 AM	60.8	45.2	07:05 AM - 07:10 AM	61.8	43.7	09:45 AM - 09:50 AM	63.9	43.0
04:30 AM - 04:35 AM	63.2	45.1	07:10 AM - 07:15 AM	61.4	44.9	09:50 AM - 09:55 AM	65.2	43.0
04:35 AM - 04:40 AM	60.0	42.8	07:15 AM - 07:20 AM	61.5	42.4	09:55 AM - 10:00 AM	60.7	40.9

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655380-1

Sample Number 2338620-9
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	65.0	45.3	12:40 PM - 12:45 PM	60.8	42.1	03:20 PM - 03:25 PM	62.1	50.2
10:05 AM - 10:10 AM	59.8	49.5	12:45 PM - 12:50 PM	59.6	45.0	03:25 PM - 03:30 PM	62.7	52.4
10:10 AM - 10:15 AM	64.9	43.9	12:50 PM - 12:55 PM	62.9	41.9	03:30 PM - 03:35 PM	62.9	51.7
10:15 AM - 10:20 AM	61.6	42.9	12:55 PM - 01:00 PM	66.2	48.3	03:35 PM - 03:40 PM	64.6	50.9
10:20 AM - 10:25 AM	56.4	40.5	01:00 PM - 01:05 PM	63.5	48.6	03:40 PM - 03:45 PM	63.6	51.7
10:25 AM - 10:30 AM	59.6	43.7	01:05 PM - 01:10 PM	62.2	48.1	03:45 PM - 03:50 PM	65.4	56.2
10:30 AM - 10:35 AM	67.7	41.2	01:10 PM - 01:15 PM	62.9	48.4	03:50 PM - 03:55 PM	63.7	56.2
10:35 AM - 10:40 AM	60.7	40.7	01:15 PM - 01:20 PM	64.5	50.1	03:55 PM - 04:00 PM	61.1	52.6
10:40 AM - 10:45 AM	58.9	39.0	01:20 PM - 01:25 PM	61.5	47.6	04:00 PM - 04:05 PM	65.4	51.7
10:45 AM - 10:50 AM	61.6	43.2	01:25 PM - 01:30 PM	59.3	45.8	04:05 PM - 04:10 PM	63.2	48.2
10:50 AM - 10:55 AM	57.5	40.1	01:30 PM - 01:35 PM	63.3	46.7	04:10 PM - 04:15 PM	62.7	46.1
10:55 AM - 11:00 AM	58.1	41.3	01:35 PM - 01:40 PM	62.7	44.3	04:15 PM - 04:20 PM	62.8	45.6
11:00 AM - 11:05 AM	60.5	40.1	01:40 PM - 01:45 PM	56.7	43.3	04:20 PM - 04:25 PM	59.6	45.4
11:05 AM - 11:10 AM	58.0	38.7	01:45 PM - 01:50 PM	66.9	47.8	04:25 PM - 04:30 PM	59.0	45.4
11:10 AM - 11:15 AM	61.6	42.7	01:50 PM - 01:55 PM	66.6	45.9	04:30 PM - 04:35 PM	60.8	45.9
11:15 AM - 11:20 AM	61.0	42.0	01:55 PM - 02:00 PM	62.1	42.6	04:35 PM - 04:40 PM	60.2	44.9
11:20 AM - 11:25 AM	60.3	43.6	02:00 PM - 02:05 PM	62.3	43.8	04:40 PM - 04:45 PM	66.7	47.7
11:25 AM - 11:30 AM	58.5	43.2	02:05 PM - 02:10 PM	62.7	43.4	04:45 PM - 04:50 PM	60.2	45.7
11:30 AM - 11:35 AM	59.3	43.2	02:10 PM - 02:15 PM	61.9	43.6	04:50 PM - 04:55 PM	62.4	46.2
11:35 AM - 11:40 AM	54.9	40.1	02:15 PM - 02:20 PM	63.3	46.6	04:55 PM - 05:00 PM	60.5	46.2
11:40 AM - 11:45 AM	57.7	41.9	02:20 PM - 02:25 PM	64.6	47.5	05:00 PM - 05:05 PM	58.1	45.4
11:45 AM - 11:50 AM	58.3	41.2	02:25 PM - 02:30 PM	66.2	48.3	05:05 PM - 05:10 PM	64.7	47.8
11:50 AM - 11:55 AM	60.4	42.2	02:30 PM - 02:35 PM	67.5	49.8	05:10 PM - 05:15 PM	60.2	44.9
11:55 AM - 12:00 PM	61.8	45.2	02:35 PM - 02:40 PM	63.1	53.5	05:15 PM - 05:20 PM	60.0	45.0
12:00 PM - 12:05 PM	59.8	41.0	02:40 PM - 02:45 PM	62.7	52.9	05:20 PM - 05:25 PM	58.1	44.8
12:05 PM - 12:10 PM	56.6	41.0	02:45 PM - 02:50 PM	63.9	53.1	05:25 PM - 05:30 PM	59.8	45.0
12:10 PM - 12:15 PM	60.9	40.9	02:50 PM - 02:55 PM	64.8	52.3	05:30 PM - 05:35 PM	60.9	45.0
12:15 PM - 12:20 PM	61.3	41.7	02:55 PM - 03:00 PM	63.8	50.7	05:35 PM - 05:40 PM	60.9	45.8
12:20 PM - 12:25 PM	61.0	40.6	03:00 PM - 03:05 PM	64.5	52.6	05:40 PM - 05:45 PM	59.1	45.1
12:25 PM - 12:30 PM	64.5	43.5	03:05 PM - 03:10 PM	63.3	51.2	05:45 PM - 05:50 PM	61.5	44.9
12:30 PM - 12:35 PM	64.8	41.8	03:10 PM - 03:15 PM	66.3	51.5	05:50 PM - 05:55 PM	56.9	44.1
12:35 PM - 12:40 PM	61.2	43.6	03:15 PM - 03:20 PM	63.6	52.3	05:55 PM - 06:00 PM	59.3	44.9

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Phuak Daeng, Rayong Thailand 21140
P/O :
Project Name : Phuak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655380-1

Sample Number 2338620-9
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07, 2023 Time	Leq dB(A)	L90 dB(A)	May 07 - May 08, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	63.7	44.5	08:40 PM - 08:45 PM	59.6	40.7	11:20 PM - 11:25 PM	63.8	39.0
06:05 PM - 06:10 PM	62.0	44.4	08:45 PM - 08:50 PM	54.1	39.6	11:25 PM - 11:30 PM	41.1	39.4
06:10 PM - 06:15 PM	60.1	43.4	08:50 PM - 08:55 PM	50.1	39.7	11:30 PM - 11:35 PM	40.4	38.8
06:15 PM - 06:20 PM	57.9	44.1	08:55 PM - 09:00 PM	53.4	40.6	11:35 PM - 11:40 PM	53.0	38.9
06:20 PM - 06:25 PM	56.0	43.6	09:00 PM - 09:05 PM	55.2	41.1	11:40 PM - 11:45 PM	52.3	38.9
06:25 PM - 06:30 PM	57.7	43.5	09:05 PM - 09:10 PM	55.4	40.1	11:45 PM - 11:50 PM	40.3	38.6
06:30 PM - 06:35 PM	50.6	42.7	09:10 PM - 09:15 PM	52.4	39.6	11:50 PM - 11:55 PM	40.8	39.1
06:35 PM - 06:40 PM	69.6	43.8	09:15 PM - 09:20 PM	54.8	39.3	11:55 PM - 12:00 AM	41.2	39.5
06:40 PM - 06:45 PM	54.6	43.7	09:20 PM - 09:25 PM	40.7	38.9	12:00 AM - 12:05 AM	47.7	39.7
06:45 PM - 06:50 PM	56.0	43.0	09:25 PM - 09:30 PM	40.9	39.0	12:05 AM - 12:10 AM	41.7	39.8
06:50 PM - 06:55 PM	57.9	42.9	09:30 PM - 09:35 PM	41.1	39.0	12:10 AM - 12:15 AM	41.4	39.5
06:55 PM - 07:00 PM	66.6	42.3	09:35 PM - 09:40 PM	45.3	38.0	12:15 AM - 12:20 AM	51.5	38.9
07:00 PM - 07:05 PM	57.2	41.4	09:40 PM - 09:45 PM	48.9	37.8	12:20 AM - 12:25 AM	57.1	39.2
07:05 PM - 07:10 PM	55.4	42.0	09:45 PM - 09:50 PM	48.0	37.8	12:25 AM - 12:30 AM	43.7	39.0
07:10 PM - 07:15 PM	49.7	41.4	09:50 PM - 09:55 PM	39.7	37.8	12:30 AM - 12:35 AM	52.3	39.7
07:15 PM - 07:20 PM	54.9	42.0	09:55 PM - 10:00 PM	58.1	39.7	12:35 AM - 12:40 AM	49.6	39.0
07:20 PM - 07:25 PM	58.2	41.9	10:00 PM - 10:05 PM	56.8	41.0	12:40 AM - 12:45 AM	45.0	38.0
07:25 PM - 07:30 PM	58.5	41.4	10:05 PM - 10:10 PM	47.2	40.6	12:45 AM - 12:50 AM	54.0	39.7
07:30 PM - 07:35 PM	59.1	41.3	10:10 PM - 10:15 PM	49.7	40.4	12:50 AM - 12:55 AM	40.3	37.4
07:35 PM - 07:40 PM	56.0	41.5	10:15 PM - 10:20 PM	47.9	39.7	12:55 AM - 01:00 AM	48.2	38.1
07:40 PM - 07:45 PM	62.4	41.6	10:20 PM - 10:25 PM	40.4	39.1	01:00 AM - 01:05 AM	50.5	38.1
07:45 PM - 07:50 PM	54.4	41.7	10:25 PM - 10:30 PM	46.7	39.5	01:05 AM - 01:10 AM	64.4	40.3
07:50 PM - 07:55 PM	49.3	41.6	10:30 PM - 10:35 PM	41.4	39.4	01:10 AM - 01:15 AM	70.2	49.6
07:55 PM - 08:00 PM	52.7	41.8	10:35 PM - 10:40 PM	40.3	38.9	01:15 AM - 01:20 AM	54.5	38.9
08:00 PM - 08:05 PM	55.5	41.2	10:40 PM - 10:45 PM	50.0	38.8	01:20 AM - 01:25 AM	54.1	38.9
08:05 PM - 08:10 PM	52.5	41.5	10:45 PM - 10:50 PM	44.3	38.8	01:25 AM - 01:30 AM	45.5	38.8
08:10 PM - 08:15 PM	62.4	41.4	10:50 PM - 10:55 PM	50.9	38.8	01:30 AM - 01:35 AM	49.3	39.3
08:15 PM - 08:20 PM	73.1	42.8	10:55 PM - 11:00 PM	41.6	39.5	01:35 AM - 01:40 AM	45.0	38.8
08:20 PM - 08:25 PM	49.3	40.8	11:00 PM - 11:05 PM	44.8	39.4	01:40 AM - 01:45 AM	58.9	39.7
08:25 PM - 08:30 PM	53.5	41.2	11:05 PM - 11:10 PM	50.3	39.7	01:45 AM - 01:50 AM	48.4	39.3
08:30 PM - 08:35 PM	53.4	41.1	11:10 PM - 11:15 PM	41.3	39.1	01:50 AM - 01:55 AM	55.9	38.2
08:35 PM - 08:40 PM	48.2	40.5	11:15 PM - 11:20 PM	44.3	39.2	01:55 AM - 02:00 AM	58.3	39.0

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655380-1

Sample Number 2338620-9
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 07 - May 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	51.4	38.1	04:40 AM - 04:45 AM	68.2	56.0	07:20 AM - 07:25 AM	60.9	42.3
02:05 AM - 02:10 AM	51.6	39.4	04:45 AM - 04:50 AM	67.2	59.1	07:25 AM - 07:30 AM	59.4	42.9
02:10 AM - 02:15 AM	54.3	40.0	04:50 AM - 04:55 AM	66.8	60.8	07:30 AM - 07:35 AM	63.6	42.5
02:15 AM - 02:20 AM	57.7	40.6	04:55 AM - 05:00 AM	67.5	59.3	07:35 AM - 07:40 AM	62.3	44.1
02:20 AM - 02:25 AM	55.6	40.1	05:00 AM - 05:05 AM	71.9	59.2	07:40 AM - 07:45 AM	58.1	42.7
02:25 AM - 02:30 AM	56.0	39.9	05:05 AM - 05:10 AM	63.7	52.1	07:45 AM - 07:50 AM	59.7	45.2
02:30 AM - 02:35 AM	57.8	47.7	05:10 AM - 05:15 AM	63.7	50.1	07:50 AM - 07:55 AM	56.9	41.3
02:35 AM - 02:40 AM	60.2	54.5	05:15 AM - 05:20 AM	60.9	48.6	07:55 AM - 08:00 AM	58.4	42.1
02:40 AM - 02:45 AM	60.2	45.7	05:20 AM - 05:25 AM	63.2	49.8	08:00 AM - 08:05 AM	59.1	43.7
02:45 AM - 02:50 AM	60.2	44.8	05:25 AM - 05:30 AM	61.7	51.5	08:05 AM - 08:10 AM	59.1	43.3
02:50 AM - 02:55 AM	65.0	43.1	05:30 AM - 05:35 AM	65.0	53.2	08:10 AM - 08:15 AM	63.5	44.5
02:55 AM - 03:00 AM	57.3	43.9	05:35 AM - 05:40 AM	61.8	46.4	08:15 AM - 08:20 AM	60.5	44.7
03:00 AM - 03:05 AM	63.2	44.5	05:40 AM - 05:45 AM	64.6	42.3	08:20 AM - 08:25 AM	59.7	44.9
03:05 AM - 03:10 AM	64.5	48.5	05:45 AM - 05:50 AM	61.0	42.8	08:25 AM - 08:30 AM	60.6	43.4
03:10 AM - 03:15 AM	64.9	44.8	05:50 AM - 05:55 AM	58.3	41.8	08:30 AM - 08:35 AM	61.1	44.7
03:15 AM - 03:20 AM	66.8	46.0	05:55 AM - 06:00 AM	64.2	41.9	08:35 AM - 08:40 AM	63.0	46.4
03:20 AM - 03:25 AM	61.0	47.3	06:00 AM - 06:05 AM	62.0	44.0	08:40 AM - 08:45 AM	64.4	46.4
03:25 AM - 03:30 AM	62.5	47.9	06:05 AM - 06:10 AM	61.4	43.2	08:45 AM - 08:50 AM	65.4	49.9
03:30 AM - 03:35 AM	66.5	50.5	06:10 AM - 06:15 AM	67.2	43.5	08:50 AM - 08:55 AM	67.4	51.2
03:35 AM - 03:40 AM	63.5	50.7	06:15 AM - 06:20 AM	58.5	41.4	08:55 AM - 09:00 AM	64.0	49.7
03:40 AM - 03:45 AM	65.7	52.5	06:20 AM - 06:25 AM	64.5	43.9	09:00 AM - 09:05 AM	70.1	51.6
03:45 AM - 03:50 AM	63.8	49.5	06:25 AM - 06:30 AM	58.3	41.7	09:05 AM - 09:10 AM	62.2	45.8
03:50 AM - 03:55 AM	64.3	50.8	06:30 AM - 06:35 AM	58.4	42.6	09:10 AM - 09:15 AM	64.7	44.5
03:55 AM - 04:00 AM	67.6	49.5	06:35 AM - 06:40 AM	60.4	44.3	09:15 AM - 09:20 AM	60.0	43.5
04:00 AM - 04:05 AM	66.1	51.5	06:40 AM - 06:45 AM	57.8	42.9	09:20 AM - 09:25 AM	60.1	45.5
04:05 AM - 04:10 AM	69.2	54.4	06:45 AM - 06:50 AM	67.0	43.3	09:25 AM - 09:30 AM	61.1	50.8
04:10 AM - 04:15 AM	66.5	50.5	06:50 AM - 06:55 AM	58.8	42.2	09:30 AM - 09:35 AM	62.7	44.8
04:15 AM - 04:20 AM	69.3	53.9	06:55 AM - 07:00 AM	61.5	41.8	09:35 AM - 09:40 AM	58.4	43.9
04:20 AM - 04:25 AM	67.0	56.4	07:00 AM - 07:05 AM	60.0	43.5	09:40 AM - 09:45 AM	65.1	43.7
04:25 AM - 04:30 AM	68.0	54.4	07:05 AM - 07:10 AM	61.5	42.5	09:45 AM - 09:50 AM	63.2	42.1
04:30 AM - 04:35 AM	66.6	53.2	07:10 AM - 07:15 AM	67.2	41.6	09:50 AM - 09:55 AM	63.6	42.3
04:35 AM - 04:40 AM	66.3	50.8	07:15 AM - 07:20 AM	61.3	42.7	09:55 AM - 10:00 AM	65.8	46.4

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655381-1

Sample Number 2338620-10
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	61.7	46.4	12:40 PM - 12:45 PM	63.5	44.6	03:20 PM - 03:25 PM	62.9	46.3
10:05 AM - 10:10 AM	61.6	47.2	12:45 PM - 12:50 PM	66.6	45.4	03:25 PM - 03:30 PM	62.6	46.8
10:10 AM - 10:15 AM	57.3	44.6	12:50 PM - 12:55 PM	58.1	44.7	03:30 PM - 03:35 PM	62.7	45.6
10:15 AM - 10:20 AM	62.2	46.5	12:55 PM - 01:00 PM	62.7	42.7	03:35 PM - 03:40 PM	63.6	47.6
10:20 AM - 10:25 AM	59.4	46.3	01:00 PM - 01:05 PM	62.3	42.3	03:40 PM - 03:45 PM	64.3	54.7
10:25 AM - 10:30 AM	65.8	46.2	01:05 PM - 01:10 PM	61.9	43.8	03:45 PM - 03:50 PM	63.8	52.8
10:30 AM - 10:35 AM	57.3	46.1	01:10 PM - 01:15 PM	62.6	44.7	03:50 PM - 03:55 PM	63.3	49.8
10:35 AM - 10:40 AM	60.9	47.0	01:15 PM - 01:20 PM	60.1	43.5	03:55 PM - 04:00 PM	63.8	45.9
10:40 AM - 10:45 AM	60.8	46.2	01:20 PM - 01:25 PM	61.1	41.8	04:00 PM - 04:05 PM	61.9	43.9
10:45 AM - 10:50 AM	57.9	46.0	01:25 PM - 01:30 PM	57.4	43.3	04:05 PM - 04:10 PM	65.7	47.7
10:50 AM - 10:55 AM	63.3	45.1	01:30 PM - 01:35 PM	58.6	41.4	04:10 PM - 04:15 PM	64.4	46.3
10:55 AM - 11:00 AM	57.7	45.5	01:35 PM - 01:40 PM	61.6	43.8	04:15 PM - 04:20 PM	66.9	50.3
11:00 AM - 11:05 AM	63.6	48.1	01:40 PM - 01:45 PM	59.7	44.0	04:20 PM - 04:25 PM	64.8	48.9
11:05 AM - 11:10 AM	60.1	46.0	01:45 PM - 01:50 PM	61.8	46.1	04:25 PM - 04:30 PM	62.7	45.9
11:10 AM - 11:15 AM	56.3	44.5	01:50 PM - 01:55 PM	62.0	43.5	04:30 PM - 04:35 PM	61.9	47.2
11:15 AM - 11:20 AM	65.1	47.9	01:55 PM - 02:00 PM	62.5	45.3	04:35 PM - 04:40 PM	60.2	41.4
11:20 AM - 11:25 AM	61.1	46.7	02:00 PM - 02:05 PM	63.8	47.5	04:40 PM - 04:45 PM	65.9	43.8
11:25 AM - 11:30 AM	62.6	43.7	02:05 PM - 02:10 PM	66.9	46.6	04:45 PM - 04:50 PM	62.3	43.1
11:30 AM - 11:35 AM	61.7	45.3	02:10 PM - 02:15 PM	67.2	56.4	04:50 PM - 04:55 PM	60.7	42.5
11:35 AM - 11:40 AM	62.9	42.3	02:15 PM - 02:20 PM	66.4	55.8	04:55 PM - 05:00 PM	60.0	43.3
11:40 AM - 11:45 AM	60.9	45.3	02:20 PM - 02:25 PM	65.8	55.3	05:00 PM - 05:05 PM	63.0	43.3
11:45 AM - 11:50 AM	62.9	44.4	02:25 PM - 02:30 PM	65.3	53.7	05:05 PM - 05:10 PM	63.8	48.4
11:50 AM - 11:55 AM	62.9	44.0	02:30 PM - 02:35 PM	66.9	53.9	05:10 PM - 05:15 PM	64.0	44.7
11:55 AM - 12:00 PM	60.3	45.8	02:35 PM - 02:40 PM	65.8	50.3	05:15 PM - 05:20 PM	66.2	46.9
12:00 PM - 12:05 PM	58.8	45.0	02:40 PM - 02:45 PM	66.2	53.4	05:20 PM - 05:25 PM	65.1	48.3
12:05 PM - 12:10 PM	60.7	44.2	02:45 PM - 02:50 PM	65.7	49.8	05:25 PM - 05:30 PM	63.5	46.0
12:10 PM - 12:15 PM	58.3	42.8	02:50 PM - 02:55 PM	62.9	51.7	05:30 PM - 05:35 PM	63.0	47.2
12:15 PM - 12:20 PM	65.8	43.1	02:55 PM - 03:00 PM	67.8	55.6	05:35 PM - 05:40 PM	62.7	44.9
12:20 PM - 12:25 PM	60.1	42.8	03:00 PM - 03:05 PM	64.4	57.7	05:40 PM - 05:45 PM	61.0	45.0
12:25 PM - 12:30 PM	58.1	44.4	03:05 PM - 03:10 PM	65.0	48.7	05:45 PM - 05:50 PM	61.3	45.8
12:30 PM - 12:35 PM	62.3	44.8	03:10 PM - 03:15 PM	61.9	45.0	05:50 PM - 05:55 PM	59.5	44.7
12:35 PM - 12:40 PM	58.2	43.9	03:15 PM - 03:20 PM	66.7	50.5	05:55 PM - 06:00 PM	58.8	42.5

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655381-1

Sample Number 2338620-10
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08, 2023 Time	Leq dB(A)	L90 dB(A)	May 08 - May 09, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	59.2	43.2	08:40 PM - 08:45 PM	48.1	42.7	11:20 PM - 11:25 PM	40.7	39.5
06:05 PM - 06:10 PM	65.3	46.3	08:45 PM - 08:50 PM	52.0	44.6	11:25 PM - 11:30 PM	39.6	38.7
06:10 PM - 06:15 PM	57.8	43.8	08:50 PM - 08:55 PM	53.3	44.2	11:30 PM - 11:35 PM	51.6	37.8
06:15 PM - 06:20 PM	61.3	44.8	08:55 PM - 09:00 PM	48.0	44.0	11:35 PM - 11:40 PM	45.3	36.7
06:20 PM - 06:25 PM	65.2	43.2	09:00 PM - 09:05 PM	49.9	43.5	11:40 PM - 11:45 PM	37.1	36.1
06:25 PM - 06:30 PM	58.5	43.4	09:05 PM - 09:10 PM	51.6	43.0	11:45 PM - 11:50 PM	47.7	36.7
06:30 PM - 06:35 PM	58.3	44.0	09:10 PM - 09:15 PM	51.8	42.8	11:50 PM - 11:55 PM	49.1	36.8
06:35 PM - 06:40 PM	59.4	43.8	09:15 PM - 09:20 PM	45.8	42.8	11:55 PM - 12:00 AM	37.2	35.5
06:40 PM - 06:45 PM	56.4	42.9	09:20 PM - 09:25 PM	48.7	42.9	12:00 AM - 12:05 AM	43.2	36.1
06:45 PM - 06:50 PM	55.1	41.9	09:25 PM - 09:30 PM	46.0	42.8	12:05 AM - 12:10 AM	58.4	36.6
06:50 PM - 06:55 PM	53.7	42.6	09:30 PM - 09:35 PM	57.9	43.2	12:10 AM - 12:15 AM	38.0	36.4
06:55 PM - 07:00 PM	56.5	43.2	09:35 PM - 09:40 PM	51.7	43.2	12:15 AM - 12:20 AM	60.0	36.5
07:00 PM - 07:05 PM	60.6	42.9	09:40 PM - 09:45 PM	50.7	42.4	12:20 AM - 12:25 AM	54.5	36.2
07:05 PM - 07:10 PM	59.2	42.2	09:45 PM - 09:50 PM	47.7	43.2	12:25 AM - 12:30 AM	45.0	36.2
07:10 PM - 07:15 PM	55.7	41.2	09:50 PM - 09:55 PM	46.7	42.9	12:30 AM - 12:35 AM	50.2	36.9
07:15 PM - 07:20 PM	53.9	42.4	09:55 PM - 10:00 PM	50.9	43.3	12:35 AM - 12:40 AM	48.4	36.0
07:20 PM - 07:25 PM	53.8	41.7	10:00 PM - 10:05 PM	56.3	43.0	12:40 AM - 12:45 AM	51.5	36.7
07:25 PM - 07:30 PM	57.2	42.2	10:05 PM - 10:10 PM	54.9	43.8	12:45 AM - 12:50 AM	56.6	37.8
07:30 PM - 07:35 PM	58.7	42.5	10:10 PM - 10:15 PM	54.4	42.3	12:50 AM - 12:55 AM	46.7	37.1
07:35 PM - 07:40 PM	55.5	41.6	10:15 PM - 10:20 PM	50.2	42.8	12:55 AM - 01:00 AM	56.2	36.1
07:40 PM - 07:45 PM	53.8	41.1	10:20 PM - 10:25 PM	45.0	42.8	01:00 AM - 01:05 AM	49.7	36.0
07:45 PM - 07:50 PM	58.1	42.7	10:25 PM - 10:30 PM	51.0	42.9	01:05 AM - 01:10 AM	51.7	36.8
07:50 PM - 07:55 PM	54.1	41.8	10:30 PM - 10:35 PM	45.8	42.4	01:10 AM - 01:15 AM	50.8	35.8
07:55 PM - 08:00 PM	55.0	42.5	10:35 PM - 10:40 PM	44.9	42.2	01:15 AM - 01:20 AM	43.8	35.9
08:00 PM - 08:05 PM	57.0	43.2	10:40 PM - 10:45 PM	45.1	42.0	01:20 AM - 01:25 AM	52.8	35.4
08:05 PM - 08:10 PM	55.0	43.2	10:45 PM - 10:50 PM	53.7	42.3	01:25 AM - 01:30 AM	48.8	34.7
08:10 PM - 08:15 PM	55.2	44.3	10:50 PM - 10:55 PM	48.4	41.7	01:30 AM - 01:35 AM	56.7	37.0
08:15 PM - 08:20 PM	50.2	42.2	10:55 PM - 11:00 PM	43.2	41.1	01:35 AM - 01:40 AM	53.3	37.0
08:20 PM - 08:25 PM	51.8	42.9	11:00 PM - 11:05 PM	52.3	40.3	01:40 AM - 01:45 AM	45.4	35.5
08:25 PM - 08:30 PM	48.5	42.2	11:05 PM - 11:10 PM	42.3	40.3	01:45 AM - 01:50 AM	50.5	36.1
08:30 PM - 08:35 PM	49.5	42.8	11:10 PM - 11:15 PM	42.7	40.8	01:50 AM - 01:55 AM	48.2	37.1
08:35 PM - 08:40 PM	69.1	43.7	11:15 PM - 11:20 PM	41.1	39.8	01:55 AM - 02:00 AM	63.0	39.9

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655381-1

Sample Number 2338620-10
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 08 - May 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	53.1	39.2	04:40 AM - 04:45 AM	66.0	52.9	07:20 AM - 07:25 AM	62.3	43.1
02:05 AM - 02:10 AM	52.5	40.7	04:45 AM - 04:50 AM	67.9	53.7	07:25 AM - 07:30 AM	62.6	42.2
02:10 AM - 02:15 AM	57.3	42.2	04:50 AM - 04:55 AM	70.9	49.7	07:30 AM - 07:35 AM	58.5	42.1
02:15 AM - 02:20 AM	55.8	42.8	04:55 AM - 05:00 AM	65.5	46.4	07:35 AM - 07:40 AM	59.5	42.5
02:20 AM - 02:25 AM	57.1	40.4	05:00 AM - 05:05 AM	64.3	47.4	07:40 AM - 07:45 AM	58.9	43.2
02:25 AM - 02:30 AM	53.5	40.5	05:05 AM - 05:10 AM	62.3	46.1	07:45 AM - 07:50 AM	58.7	42.8
02:30 AM - 02:35 AM	57.2	44.5	05:10 AM - 05:15 AM	66.0	45.3	07:50 AM - 07:55 AM	65.7	43.8
02:35 AM - 02:40 AM	61.8	50.9	05:15 AM - 05:20 AM	64.8	46.9	07:55 AM - 08:00 AM	64.5	43.7
02:40 AM - 02:45 AM	58.5	44.7	05:20 AM - 05:25 AM	68.1	45.8	08:00 AM - 08:05 AM	57.9	43.6
02:45 AM - 02:50 AM	63.1	41.1	05:25 AM - 05:30 AM	64.9	47.8	08:05 AM - 08:10 AM	59.0	44.2
02:50 AM - 02:55 AM	57.2	40.9	05:30 AM - 05:35 AM	66.1	43.8	08:10 AM - 08:15 AM	59.6	43.5
02:55 AM - 03:00 AM	58.7	42.9	05:35 AM - 05:40 AM	61.6	45.5	08:15 AM - 08:20 AM	61.6	47.5
03:00 AM - 03:05 AM	62.6	44.1	05:40 AM - 05:45 AM	61.7	44.5	08:20 AM - 08:25 AM	59.5	42.9
03:05 AM - 03:10 AM	60.1	43.5	05:45 AM - 05:50 AM	58.7	45.0	08:25 AM - 08:30 AM	64.4	43.6
03:10 AM - 03:15 AM	61.6	42.5	05:50 AM - 05:55 AM	61.7	47.4	08:30 AM - 08:35 AM	63.8	48.1
03:15 AM - 03:20 AM	65.3	45.6	05:55 AM - 06:00 AM	65.1	42.9	08:35 AM - 08:40 AM	63.6	43.8
03:20 AM - 03:25 AM	64.3	45.3	06:00 AM - 06:05 AM	62.6	42.6	08:40 AM - 08:45 AM	60.6	41.3
03:25 AM - 03:30 AM	64.2	47.0	06:05 AM - 06:10 AM	61.8	43.0	08:45 AM - 08:50 AM	63.2	46.7
03:30 AM - 03:35 AM	66.9	53.8	06:10 AM - 06:15 AM	63.0	42.9	08:50 AM - 08:55 AM	61.4	45.6
03:35 AM - 03:40 AM	64.6	50.2	06:15 AM - 06:20 AM	64.2	45.1	08:55 AM - 09:00 AM	59.3	44.7
03:40 AM - 03:45 AM	65.7	48.6	06:20 AM - 06:25 AM	63.0	43.2	09:00 AM - 09:05 AM	62.3	45.4
03:45 AM - 03:50 AM	67.3	53.1	06:25 AM - 06:30 AM	62.9	42.4	09:05 AM - 09:10 AM	64.8	45.3
03:50 AM - 03:55 AM	65.3	49.8	06:30 AM - 06:35 AM	60.5	43.1	09:10 AM - 09:15 AM	64.4	41.2
03:55 AM - 04:00 AM	65.0	47.1	06:35 AM - 06:40 AM	54.7	43.0	09:15 AM - 09:20 AM	61.4	41.8
04:00 AM - 04:05 AM	65.4	48.3	06:40 AM - 06:45 AM	56.4	41.1	09:20 AM - 09:25 AM	60.9	43.1
04:05 AM - 04:10 AM	67.1	54.7	06:45 AM - 06:50 AM	61.0	42.7	09:25 AM - 09:30 AM	60.4	43.9
04:10 AM - 04:15 AM	67.5	56.2	06:50 AM - 06:55 AM	59.5	42.1	09:30 AM - 09:35 AM	61.1	42.8
04:15 AM - 04:20 AM	67.4	55.5	06:55 AM - 07:00 AM	60.7	44.3	09:35 AM - 09:40 AM	66.9	44.4
04:20 AM - 04:25 AM	68.4	53.6	07:00 AM - 07:05 AM	61.6	43.1	09:40 AM - 09:45 AM	60.8	45.6
04:25 AM - 04:30 AM	68.4	55.6	07:05 AM - 07:10 AM	62.6	43.9	09:45 AM - 09:50 AM	60.9	45.2
04:30 AM - 04:35 AM	68.7	53.5	07:10 AM - 07:15 AM	58.8	44.4	09:50 AM - 09:55 AM	62.7	44.2
04:35 AM - 04:40 AM	66.3	51.0	07:15 AM - 07:20 AM	59.8	44.6	09:55 AM - 10:00 AM	66.8	42.6

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655382-1

Sample Number 2338620-11
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	58.4	41.9	12:40 PM - 12:45 PM	58.2	45.3	03:20 PM - 03:25 PM	66.2	47.3
10:05 AM - 10:10 AM	60.5	42.1	12:45 PM - 12:50 PM	62.0	47.3	03:25 PM - 03:30 PM	63.6	46.9
10:10 AM - 10:15 AM	60.8	44.6	12:50 PM - 12:55 PM	60.7	43.6	03:30 PM - 03:35 PM	62.6	46.9
10:15 AM - 10:20 AM	60.0	43.9	12:55 PM - 01:00 PM	60.3	44.8	03:35 PM - 03:40 PM	63.2	47.0
10:20 AM - 10:25 AM	59.7	43.8	01:00 PM - 01:05 PM	60.3	47.0	03:40 PM - 03:45 PM	64.1	50.9
10:25 AM - 10:30 AM	63.2	45.1	01:05 PM - 01:10 PM	61.8	46.1	03:45 PM - 03:50 PM	69.5	50.6
10:30 AM - 10:35 AM	58.2	44.3	01:10 PM - 01:15 PM	61.7	46.4	03:50 PM - 03:55 PM	62.6	50.4
10:35 AM - 10:40 AM	56.9	45.1	01:15 PM - 01:20 PM	63.0	44.2	03:55 PM - 04:00 PM	62.5	48.3
10:40 AM - 10:45 AM	59.2	42.8	01:20 PM - 01:25 PM	60.2	45.7	04:00 PM - 04:05 PM	60.9	44.6
10:45 AM - 10:50 AM	60.7	44.2	01:25 PM - 01:30 PM	61.3	45.3	04:05 PM - 04:10 PM	64.7	46.9
10:50 AM - 10:55 AM	59.0	45.6	01:30 PM - 01:35 PM	61.9	44.6	04:10 PM - 04:15 PM	64.3	51.0
10:55 AM - 11:00 AM	63.0	45.6	01:35 PM - 01:40 PM	66.2	45.5	04:15 PM - 04:20 PM	62.9	47.6
11:00 AM - 11:05 AM	62.8	44.6	01:40 PM - 01:45 PM	63.8	46.1	04:20 PM - 04:25 PM	64.3	48.1
11:05 AM - 11:10 AM	61.4	45.4	01:45 PM - 01:50 PM	62.0	45.5	04:25 PM - 04:30 PM	65.1	48.3
11:10 AM - 11:15 AM	57.9	45.9	01:50 PM - 01:55 PM	62.0	44.5	04:30 PM - 04:35 PM	64.1	48.8
11:15 AM - 11:20 AM	57.4	45.1	01:55 PM - 02:00 PM	60.4	44.3	04:35 PM - 04:40 PM	60.6	45.7
11:20 AM - 11:25 AM	63.8	44.6	02:00 PM - 02:05 PM	65.1	44.2	04:40 PM - 04:45 PM	60.2	46.1
11:25 AM - 11:30 AM	65.0	45.1	02:05 PM - 02:10 PM	66.6	52.0	04:45 PM - 04:50 PM	61.8	45.6
11:30 AM - 11:35 AM	60.3	45.6	02:10 PM - 02:15 PM	65.9	48.5	04:50 PM - 04:55 PM	61.7	46.3
11:35 AM - 11:40 AM	60.4	44.7	02:15 PM - 02:20 PM	63.6	49.1	04:55 PM - 05:00 PM	59.8	45.5
11:40 AM - 11:45 AM	63.2	44.6	02:20 PM - 02:25 PM	66.0	48.4	05:00 PM - 05:05 PM	62.1	46.5
11:45 AM - 11:50 AM	61.4	46.0	02:25 PM - 02:30 PM	65.8	50.1	05:05 PM - 05:10 PM	66.4	52.6
11:50 AM - 11:55 AM	61.9	47.1	02:30 PM - 02:35 PM	67.1	48.7	05:10 PM - 05:15 PM	63.3	45.6
11:55 AM - 12:00 PM	60.5	45.4	02:35 PM - 02:40 PM	65.5	49.7	05:15 PM - 05:20 PM	64.0	47.8
12:00 PM - 12:05 PM	65.4	45.9	02:40 PM - 02:45 PM	63.3	46.1	05:20 PM - 05:25 PM	61.8	46.4
12:05 PM - 12:10 PM	62.6	46.7	02:45 PM - 02:50 PM	65.9	48.9	05:25 PM - 05:30 PM	63.4	47.9
12:10 PM - 12:15 PM	63.5	48.1	02:50 PM - 02:55 PM	64.2	48.9	05:30 PM - 05:35 PM	63.2	47.1
12:15 PM - 12:20 PM	59.4	47.7	02:55 PM - 03:00 PM	63.6	47.4	05:35 PM - 05:40 PM	63.6	45.1
12:20 PM - 12:25 PM	64.9	47.1	03:00 PM - 03:05 PM	67.6	46.2	05:40 PM - 05:45 PM	61.8	45.2
12:25 PM - 12:30 PM	65.2	46.2	03:05 PM - 03:10 PM	64.0	49.8	05:45 PM - 05:50 PM	59.8	44.3
12:30 PM - 12:35 PM	63.6	45.4	03:10 PM - 03:15 PM	63.8	49.0	05:50 PM - 05:55 PM	62.8	45.1
12:35 PM - 12:40 PM	58.9	44.4	03:15 PM - 03:20 PM	64.0	46.8	05:55 PM - 06:00 PM	62.2	45.9

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Approved by
Sarayuth Jittranont
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655382-1

Sample Number 2338620-11
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09, 2023 Time	Leq dB(A)	L90 dB(A)	May 09 - May 10, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	58.5	42.7	08:40 PM - 08:45 PM	56.0	41.0	11:20 PM - 11:25 PM	55.1	38.6
06:05 PM - 06:10 PM	59.8	42.3	08:45 PM - 08:50 PM	52.5	40.7	11:25 PM - 11:30 PM	40.2	38.3
06:10 PM - 06:15 PM	61.3	43.4	08:50 PM - 08:55 PM	57.9	39.7	11:30 PM - 11:35 PM	45.9	39.3
06:15 PM - 06:20 PM	61.2	43.6	08:55 PM - 09:00 PM	50.2	39.8	11:35 PM - 11:40 PM	51.8	39.6
06:20 PM - 06:25 PM	56.6	43.4	09:00 PM - 09:05 PM	51.7	40.7	11:40 PM - 11:45 PM	54.6	39.6
06:25 PM - 06:30 PM	59.1	42.8	09:05 PM - 09:10 PM	61.0	40.4	11:45 PM - 11:50 PM	43.6	40.2
06:30 PM - 06:35 PM	57.0	42.9	09:10 PM - 09:15 PM	54.2	45.9	11:50 PM - 11:55 PM	42.9	39.8
06:35 PM - 06:40 PM	56.7	42.8	09:15 PM - 09:20 PM	49.6	41.7	11:55 PM - 12:00 AM	49.5	39.2
06:40 PM - 06:45 PM	58.6	42.3	09:20 PM - 09:25 PM	46.9	39.0	12:00 AM - 12:05 AM	44.2	38.9
06:45 PM - 06:50 PM	57.4	41.4	09:25 PM - 09:30 PM	42.9	38.7	12:05 AM - 12:10 AM	45.2	38.5
06:50 PM - 06:55 PM	55.2	41.0	09:30 PM - 09:35 PM	49.9	37.5	12:10 AM - 12:15 AM	48.2	38.4
06:55 PM - 07:00 PM	60.9	41.7	09:35 PM - 09:40 PM	51.0	37.6	12:15 AM - 12:20 AM	39.2	37.1
07:00 PM - 07:05 PM	62.0	41.8	09:40 PM - 09:45 PM	45.8	37.4	12:20 AM - 12:25 AM	47.2	37.5
07:05 PM - 07:10 PM	55.8	41.3	09:45 PM - 09:50 PM	52.1	38.5	12:25 AM - 12:30 AM	39.5	37.6
07:10 PM - 07:15 PM	54.9	41.1	09:50 PM - 09:55 PM	53.2	50.9	12:30 AM - 12:35 AM	49.7	38.1
07:15 PM - 07:20 PM	59.4	41.3	09:55 PM - 10:00 PM	54.0	45.6	12:35 AM - 12:40 AM	51.3	38.1
07:20 PM - 07:25 PM	50.6	40.4	10:00 PM - 10:05 PM	48.5	46.7	12:40 AM - 12:45 AM	59.1	40.9
07:25 PM - 07:30 PM	58.9	40.3	10:05 PM - 10:10 PM	54.5	42.9	12:45 AM - 12:50 AM	51.1	42.8
07:30 PM - 07:35 PM	53.3	40.3	10:10 PM - 10:15 PM	50.5	39.5	12:50 AM - 12:55 AM	54.9	45.7
07:35 PM - 07:40 PM	57.9	40.7	10:15 PM - 10:20 PM	60.0	38.6	12:55 AM - 01:00 AM	55.6	53.1
07:40 PM - 07:45 PM	56.6	40.8	10:20 PM - 10:25 PM	46.7	37.7	01:00 AM - 01:05 AM	58.0	54.6
07:45 PM - 07:50 PM	57.0	39.9	10:25 PM - 10:30 PM	40.2	38.1	01:05 AM - 01:10 AM	57.2	55.0
07:50 PM - 07:55 PM	53.0	40.4	10:30 PM - 10:35 PM	57.4	38.4	01:10 AM - 01:15 AM	57.6	55.3
07:55 PM - 08:00 PM	52.7	40.7	10:35 PM - 10:40 PM	43.5	38.4	01:15 AM - 01:20 AM	57.2	53.9
08:00 PM - 08:05 PM	51.4	40.4	10:40 PM - 10:45 PM	38.7	37.3	01:20 AM - 01:25 AM	56.9	51.5
08:05 PM - 08:10 PM	53.8	40.1	10:45 PM - 10:50 PM	39.8	38.2	01:25 AM - 01:30 AM	56.5	50.6
08:10 PM - 08:15 PM	53.9	40.5	10:50 PM - 10:55 PM	53.2	38.2	01:30 AM - 01:35 AM	56.6	50.3
08:15 PM - 08:20 PM	54.4	41.4	10:55 PM - 11:00 PM	59.3	38.2	01:35 AM - 01:40 AM	52.6	51.1
08:20 PM - 08:25 PM	53.1	41.0	11:00 PM - 11:05 PM	39.9	38.7	01:40 AM - 01:45 AM	50.4	49.9
08:25 PM - 08:30 PM	58.2	41.2	11:05 PM - 11:10 PM	49.3	38.7	01:45 AM - 01:50 AM	52.0	50.2
08:30 PM - 08:35 PM	50.5	41.5	11:10 PM - 11:15 PM	41.1	38.7	01:50 AM - 01:55 AM	59.4	50.8
08:35 PM - 08:40 PM	53.3	41.4	11:15 PM - 11:20 PM	39.5	38.5	01:55 AM - 02:00 AM	66.8	51.0

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Sarayuth Jittranont
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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655382-1

Sample Number 2338620-11
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 09 - May 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	58.4	52.6	04:40 AM - 04:45 AM	68.5	57.1	07:20 AM - 07:25 AM	60.2	44.7
02:05 AM - 02:10 AM	60.5	52.6	04:45 AM - 04:50 AM	69.1	55.8	07:25 AM - 07:30 AM	60.4	44.5
02:10 AM - 02:15 AM	59.7	52.0	04:50 AM - 04:55 AM	68.1	57.8	07:30 AM - 07:35 AM	58.7	43.9
02:15 AM - 02:20 AM	53.7	49.0	04:55 AM - 05:00 AM	68.6	55.6	07:35 AM - 07:40 AM	61.6	44.1
02:20 AM - 02:25 AM	58.1	48.2	05:00 AM - 05:05 AM	69.6	54.9	07:40 AM - 07:45 AM	61.1	44.3
02:25 AM - 02:30 AM	56.5	48.0	05:05 AM - 05:10 AM	63.8	49.5	07:45 AM - 07:50 AM	64.3	45.0
02:30 AM - 02:35 AM	58.8	49.0	05:10 AM - 05:15 AM	64.8	47.4	07:50 AM - 07:55 AM	60.2	45.6
02:35 AM - 02:40 AM	56.7	49.4	05:15 AM - 05:20 AM	65.3	47.9	07:55 AM - 08:00 AM	63.2	44.1
02:40 AM - 02:45 AM	59.7	52.9	05:20 AM - 05:25 AM	62.8	49.1	08:00 AM - 08:05 AM	60.2	46.7
02:45 AM - 02:50 AM	58.8	51.6	05:25 AM - 05:30 AM	63.6	47.1	08:05 AM - 08:10 AM	60.9	46.2
02:50 AM - 02:55 AM	63.0	51.8	05:30 AM - 05:35 AM	63.9	47.1	08:10 AM - 08:15 AM	58.9	43.5
02:55 AM - 03:00 AM	63.2	52.7	05:35 AM - 05:40 AM	65.2	48.5	08:15 AM - 08:20 AM	56.7	42.8
03:00 AM - 03:05 AM	60.3	52.8	05:40 AM - 05:45 AM	63.5	46.5	08:20 AM - 08:25 AM	60.4	43.9
03:05 AM - 03:10 AM	67.8	51.4	05:45 AM - 05:50 AM	63.2	46.2	08:25 AM - 08:30 AM	66.5	46.8
03:10 AM - 03:15 AM	63.3	50.4	05:50 AM - 05:55 AM	65.0	47.5	08:30 AM - 08:35 AM	63.5	48.6
03:15 AM - 03:20 AM	64.2	50.1	05:55 AM - 06:00 AM	63.9	45.2	08:35 AM - 08:40 AM	64.5	47.8
03:20 AM - 03:25 AM	62.0	49.0	06:00 AM - 06:05 AM	63.2	46.5	08:40 AM - 08:45 AM	66.4	47.6
03:25 AM - 03:30 AM	67.7	53.3	06:05 AM - 06:10 AM	60.8	45.5	08:45 AM - 08:50 AM	63.0	56.3
03:30 AM - 03:35 AM	66.3	49.5	06:10 AM - 06:15 AM	62.3	46.2	08:50 AM - 08:55 AM	64.9	48.6
03:35 AM - 03:40 AM	66.6	50.1	06:15 AM - 06:20 AM	62.4	44.7	08:55 AM - 09:00 AM	66.4	47.8
03:40 AM - 03:45 AM	66.3	53.4	06:20 AM - 06:25 AM	65.9	44.8	09:00 AM - 09:05 AM	64.3	48.5
03:45 AM - 03:50 AM	68.1	55.9	06:25 AM - 06:30 AM	61.7	44.2	09:05 AM - 09:10 AM	65.7	48.8
03:50 AM - 03:55 AM	68.5	58.6	06:30 AM - 06:35 AM	59.2	43.8	09:10 AM - 09:15 AM	62.0	45.8
03:55 AM - 04:00 AM	68.1	53.8	06:35 AM - 06:40 AM	64.0	44.3	09:15 AM - 09:20 AM	59.5	45.2
04:00 AM - 04:05 AM	68.3	55.2	06:40 AM - 06:45 AM	64.1	42.6	09:20 AM - 09:25 AM	60.5	44.9
04:05 AM - 04:10 AM	67.8	56.8	06:45 AM - 06:50 AM	60.8	44.5	09:25 AM - 09:30 AM	61.7	47.3
04:10 AM - 04:15 AM	69.4	60.5	06:50 AM - 06:55 AM	59.6	43.1	09:30 AM - 09:35 AM	57.8	43.9
04:15 AM - 04:20 AM	68.8	55.6	06:55 AM - 07:00 AM	60.6	44.4	09:35 AM - 09:40 AM	61.6	43.4
04:20 AM - 04:25 AM	70.4	58.8	07:00 AM - 07:05 AM	68.6	43.9	09:40 AM - 09:45 AM	63.0	45.8
04:25 AM - 04:30 AM	68.0	55.5	07:05 AM - 07:10 AM	64.1	43.5	09:45 AM - 09:50 AM	60.2	44.1
04:30 AM - 04:35 AM	67.9	55.8	07:10 AM - 07:15 AM	63.7	44.0	09:50 AM - 09:55 AM	62.4	45.8
04:35 AM - 04:40 AM	69.3	56.5	07:15 AM - 07:20 AM	60.7	43.7	09:55 AM - 10:00 AM	62.4	48.6

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Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655383-1

Sample Number 2338620-12
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	65.3	46.3	12:40 PM - 12:45 PM	64.9	44.4	03:20 PM - 03:25 PM	66.7	49.8
10:05 AM - 10:10 AM	68.3	48.8	12:45 PM - 12:50 PM	62.7	46.0	03:25 PM - 03:30 PM	63.3	48.9
10:10 AM - 10:15 AM	59.7	46.7	12:50 PM - 12:55 PM	61.0	45.3	03:30 PM - 03:35 PM	66.8	52.4
10:15 AM - 10:20 AM	59.2	42.7	12:55 PM - 01:00 PM	58.4	46.6	03:35 PM - 03:40 PM	62.8	49.6
10:20 AM - 10:25 AM	61.8	43.5	01:00 PM - 01:05 PM	62.0	46.7	03:40 PM - 03:45 PM	69.2	51.8
10:25 AM - 10:30 AM	63.8	44.4	01:05 PM - 01:10 PM	60.1	48.3	03:45 PM - 03:50 PM	62.1	51.9
10:30 AM - 10:35 AM	60.4	42.5	01:10 PM - 01:15 PM	67.4	57.0	03:50 PM - 03:55 PM	64.7	49.4
10:35 AM - 10:40 AM	61.0	43.6	01:15 PM - 01:20 PM	65.2	55.7	03:55 PM - 04:00 PM	62.9	46.1
10:40 AM - 10:45 AM	60.4	43.2	01:20 PM - 01:25 PM	65.9	52.8	04:00 PM - 04:05 PM	67.5	49.1
10:45 AM - 10:50 AM	59.7	43.6	01:25 PM - 01:30 PM	67.6	54.1	04:05 PM - 04:10 PM	66.9	50.0
10:50 AM - 10:55 AM	58.1	41.6	01:30 PM - 01:35 PM	65.0	48.5	04:10 PM - 04:15 PM	65.2	48.6
10:55 AM - 11:00 AM	56.8	42.2	01:35 PM - 01:40 PM	67.3	55.8	04:15 PM - 04:20 PM	63.9	48.1
11:00 AM - 11:05 AM	60.3	43.1	01:40 PM - 01:45 PM	67.6	52.3	04:20 PM - 04:25 PM	62.0	48.0
11:05 AM - 11:10 AM	58.4	42.9	01:45 PM - 01:50 PM	65.8	49.2	04:25 PM - 04:30 PM	64.7	46.8
11:10 AM - 11:15 AM	62.4	41.4	01:50 PM - 01:55 PM	67.0	44.4	04:30 PM - 04:35 PM	65.4	50.1
11:15 AM - 11:20 AM	60.2	42.6	01:55 PM - 02:00 PM	64.2	47.2	04:35 PM - 04:40 PM	62.4	46.7
11:20 AM - 11:25 AM	59.8	43.2	02:00 PM - 02:05 PM	63.8	49.0	04:40 PM - 04:45 PM	62.6	46.1
11:25 AM - 11:30 AM	61.5	42.2	02:05 PM - 02:10 PM	68.9	52.6	04:45 PM - 04:50 PM	60.5	45.1
11:30 AM - 11:35 AM	58.5	42.2	02:10 PM - 02:15 PM	68.0	57.7	04:50 PM - 04:55 PM	64.8	47.1
11:35 AM - 11:40 AM	64.0	52.0	02:15 PM - 02:20 PM	69.2	53.5	04:55 PM - 05:00 PM	62.6	46.2
11:40 AM - 11:45 AM	60.4	52.2	02:20 PM - 02:25 PM	67.9	54.6	05:00 PM - 05:05 PM	63.0	45.7
11:45 AM - 11:50 AM	56.5	42.5	02:25 PM - 02:30 PM	71.7	55.0	05:05 PM - 05:10 PM	65.1	53.0
11:50 AM - 11:55 AM	59.5	41.4	02:30 PM - 02:35 PM	69.5	52.8	05:10 PM - 05:15 PM	63.9	48.1
11:55 AM - 12:00 PM	57.5	40.0	02:35 PM - 02:40 PM	68.4	49.9	05:15 PM - 05:20 PM	65.7	49.3
12:00 PM - 12:05 PM	58.5	40.0	02:40 PM - 02:45 PM	66.7	48.0	05:20 PM - 05:25 PM	67.6	48.0
12:05 PM - 12:10 PM	59.1	41.1	02:45 PM - 02:50 PM	64.3	48.5	05:25 PM - 05:30 PM	73.1	46.7
12:10 PM - 12:15 PM	64.0	42.2	02:50 PM - 02:55 PM	65.0	49.9	05:30 PM - 05:35 PM	62.5	45.5
12:15 PM - 12:20 PM	59.7	41.3	02:55 PM - 03:00 PM	65.4	49.6	05:35 PM - 05:40 PM	60.8	46.4
12:20 PM - 12:25 PM	62.9	42.4	03:00 PM - 03:05 PM	67.4	52.2	05:40 PM - 05:45 PM	63.0	48.3
12:25 PM - 12:30 PM	60.9	42.5	03:05 PM - 03:10 PM	66.5	50.4	05:45 PM - 05:50 PM	64.1	44.1
12:30 PM - 12:35 PM	62.1	42.7	03:10 PM - 03:15 PM	64.8	48.0	05:50 PM - 05:55 PM	61.4	42.3
12:35 PM - 12:40 PM	62.7	45.8	03:15 PM - 03:20 PM	66.1	51.5	05:55 PM - 06:00 PM	59.7	44.6

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Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655383-1

Sample Number 2338620-12
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ช.เกษมนาคพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10, 2023 Time	Leq dB(A)	L90 dB(A)	May 10 - May 11, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	60.1	43.2	08:40 PM - 08:45 PM	58.8	40.3	11:20 PM - 11:25 PM	45.7	41.6
06:05 PM - 06:10 PM	61.0	44.0	08:45 PM - 08:50 PM	46.6	40.9	11:25 PM - 11:30 PM	45.7	42.6
06:10 PM - 06:15 PM	60.7	42.7	08:50 PM - 08:55 PM	57.5	41.4	11:30 PM - 11:35 PM	49.1	42.2
06:15 PM - 06:20 PM	60.3	42.2	08:55 PM - 09:00 PM	42.8	41.1	11:35 PM - 11:40 PM	49.9	42.0
06:20 PM - 06:25 PM	57.0	41.0	09:00 PM - 09:05 PM	51.0	41.8	11:40 PM - 11:45 PM	44.4	41.3
06:25 PM - 06:30 PM	64.3	41.7	09:05 PM - 09:10 PM	57.0	41.7	11:45 PM - 11:50 PM	46.1	43.7
06:30 PM - 06:35 PM	59.8	41.9	09:10 PM - 09:15 PM	61.3	41.2	11:50 PM - 11:55 PM	55.2	44.2
06:35 PM - 06:40 PM	59.6	41.9	09:15 PM - 09:20 PM	51.6	42.4	11:55 PM - 12:00 AM	50.0	43.7
06:40 PM - 06:45 PM	58.9	41.4	09:20 PM - 09:25 PM	57.1	41.7	12:00 AM - 12:05 AM	47.4	44.2
06:45 PM - 06:50 PM	59.2	42.5	09:25 PM - 09:30 PM	46.8	41.0	12:05 AM - 12:10 AM	48.7	43.7
06:50 PM - 06:55 PM	55.8	41.7	09:30 PM - 09:35 PM	42.1	40.8	12:10 AM - 12:15 AM	50.3	43.4
06:55 PM - 07:00 PM	55.8	41.6	09:35 PM - 09:40 PM	52.0	40.8	12:15 AM - 12:20 AM	44.8	42.1
07:00 PM - 07:05 PM	57.0	40.8	09:40 PM - 09:45 PM	52.3	40.5	12:20 AM - 12:25 AM	52.0	41.9
07:05 PM - 07:10 PM	55.7	41.6	09:45 PM - 09:50 PM	47.3	40.7	12:25 AM - 12:30 AM	48.1	41.7
07:10 PM - 07:15 PM	58.5	42.8	09:50 PM - 09:55 PM	50.1	40.9	12:30 AM - 12:35 AM	52.8	40.6
07:15 PM - 07:20 PM	53.3	41.2	09:55 PM - 10:00 PM	47.6	41.4	12:35 AM - 12:40 AM	56.7	41.1
07:20 PM - 07:25 PM	57.8	41.4	10:00 PM - 10:05 PM	52.0	41.7	12:40 AM - 12:45 AM	50.8	40.6
07:25 PM - 07:30 PM	57.6	41.1	10:05 PM - 10:10 PM	53.4	41.2	12:45 AM - 12:50 AM	47.4	41.7
07:30 PM - 07:35 PM	52.4	40.9	10:10 PM - 10:15 PM	70.2	41.2	12:50 AM - 12:55 AM	42.7	41.0
07:35 PM - 07:40 PM	57.5	41.7	10:15 PM - 10:20 PM	56.1	40.8	12:55 AM - 01:00 AM	55.8	41.0
07:40 PM - 07:45 PM	51.6	41.8	10:20 PM - 10:25 PM	50.2	40.9	01:00 AM - 01:05 AM	42.8	40.9
07:45 PM - 07:50 PM	54.2	41.8	10:25 PM - 10:30 PM	51.3	40.7	01:05 AM - 01:10 AM	53.0	40.7
07:50 PM - 07:55 PM	51.1	42.4	10:30 PM - 10:35 PM	42.7	40.8	01:10 AM - 01:15 AM	49.3	42.1
07:55 PM - 08:00 PM	53.3	40.9	10:35 PM - 10:40 PM	55.7	40.7	01:15 AM - 01:20 AM	50.5	41.9
08:00 PM - 08:05 PM	53.0	41.2	10:40 PM - 10:45 PM	54.1	41.0	01:20 AM - 01:25 AM	53.9	41.3
08:05 PM - 08:10 PM	56.7	40.6	10:45 PM - 10:50 PM	44.9	41.0	01:25 AM - 01:30 AM	46.1	41.1
08:10 PM - 08:15 PM	49.8	40.5	10:50 PM - 10:55 PM	47.6	41.2	01:30 AM - 01:35 AM	43.3	41.7
08:15 PM - 08:20 PM	55.6	40.7	10:55 PM - 11:00 PM	44.1	41.4	01:35 AM - 01:40 AM	51.8	41.0
08:20 PM - 08:25 PM	49.9	41.7	11:00 PM - 11:05 PM	43.6	41.0	01:40 AM - 01:45 AM	43.0	40.7
08:25 PM - 08:30 PM	51.6	40.8	11:05 PM - 11:10 PM	52.1	41.4	01:45 AM - 01:50 AM	48.7	40.9
08:30 PM - 08:35 PM	51.2	39.9	11:10 PM - 11:15 PM	53.6	41.6	01:50 AM - 01:55 AM	51.0	40.7
08:35 PM - 08:40 PM	64.6	41.0	11:15 PM - 11:20 PM	44.2	40.4	01:55 AM - 02:00 AM	52.5	40.1

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655383-1

Sample Number 2338620-12
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ช.เกษมนาคพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 10 - May 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	55.1	39.7	04:40 AM - 04:45 AM	66.8	54.6	07:20 AM - 07:25 AM	64.9	43.4
02:05 AM - 02:10 AM	52.6	40.7	04:45 AM - 04:50 AM	67.8	53.0	07:25 AM - 07:30 AM	57.6	44.4
02:10 AM - 02:15 AM	53.9	40.8	04:50 AM - 04:55 AM	68.5	49.6	07:30 AM - 07:35 AM	57.9	42.8
02:15 AM - 02:20 AM	55.5	41.5	04:55 AM - 05:00 AM	66.2	46.1	07:35 AM - 07:40 AM	54.1	42.1
02:20 AM - 02:25 AM	55.9	41.7	05:00 AM - 05:05 AM	71.2	50.3	07:40 AM - 07:45 AM	60.4	41.7
02:25 AM - 02:30 AM	61.2	43.5	05:05 AM - 05:10 AM	62.7	48.4	07:45 AM - 07:50 AM	64.2	42.7
02:30 AM - 02:35 AM	56.6	49.2	05:10 AM - 05:15 AM	63.6	48.5	07:50 AM - 07:55 AM	58.2	41.1
02:35 AM - 02:40 AM	60.7	45.0	05:15 AM - 05:20 AM	64.1	51.8	07:55 AM - 08:00 AM	57.8	41.1
02:40 AM - 02:45 AM	60.4	43.2	05:20 AM - 05:25 AM	63.5	49.9	08:00 AM - 08:05 AM	58.3	43.5
02:45 AM - 02:50 AM	63.1	42.9	05:25 AM - 05:30 AM	63.0	47.9	08:05 AM - 08:10 AM	58.8	42.7
02:50 AM - 02:55 AM	61.4	43.5	05:30 AM - 05:35 AM	61.8	54.8	08:10 AM - 08:15 AM	63.5	42.7
02:55 AM - 03:00 AM	61.8	45.6	05:35 AM - 05:40 AM	67.8	48.2	08:15 AM - 08:20 AM	61.2	54.8
03:00 AM - 03:05 AM	62.6	44.7	05:40 AM - 05:45 AM	64.2	47.0	08:20 AM - 08:25 AM	59.6	54.8
03:05 AM - 03:10 AM	65.7	45.1	05:45 AM - 05:50 AM	65.0	46.3	08:25 AM - 08:30 AM	61.2	44.2
03:10 AM - 03:15 AM	61.6	45.3	05:50 AM - 05:55 AM	63.2	46.4	08:30 AM - 08:35 AM	64.2	46.1
03:15 AM - 03:20 AM	66.1	46.3	05:55 AM - 06:00 AM	63.9	44.8	08:35 AM - 08:40 AM	62.1	45.8
03:20 AM - 03:25 AM	62.6	52.9	06:00 AM - 06:05 AM	65.0	45.5	08:40 AM - 08:45 AM	65.2	44.2
03:25 AM - 03:30 AM	63.9	48.0	06:05 AM - 06:10 AM	59.8	41.7	08:45 AM - 08:50 AM	64.2	43.0
03:30 AM - 03:35 AM	64.3	49.6	06:10 AM - 06:15 AM	62.8	42.3	08:50 AM - 08:55 AM	63.5	45.1
03:35 AM - 03:40 AM	63.6	47.8	06:15 AM - 06:20 AM	63.7	42.1	08:55 AM - 09:00 AM	64.4	44.4
03:40 AM - 03:45 AM	66.8	52.2	06:20 AM - 06:25 AM	60.7	42.5	09:00 AM - 09:05 AM	69.0	47.2
03:45 AM - 03:50 AM	64.6	52.5	06:25 AM - 06:30 AM	59.5	43.6	09:05 AM - 09:10 AM	63.8	44.3
03:50 AM - 03:55 AM	65.5	49.0	06:30 AM - 06:35 AM	60.7	47.1	09:10 AM - 09:15 AM	63.6	48.5
03:55 AM - 04:00 AM	67.4	50.5	06:35 AM - 06:40 AM	63.6	48.8	09:15 AM - 09:20 AM	65.3	41.7
04:00 AM - 04:05 AM	67.1	52.6	06:40 AM - 06:45 AM	61.5	48.0	09:20 AM - 09:25 AM	58.6	41.1
04:05 AM - 04:10 AM	69.5	55.4	06:45 AM - 06:50 AM	62.4	47.4	09:25 AM - 09:30 AM	59.3	39.7
04:10 AM - 04:15 AM	67.9	53.1	06:50 AM - 06:55 AM	58.1	43.9	09:30 AM - 09:35 AM	61.9	42.1
04:15 AM - 04:20 AM	66.8	53.8	06:55 AM - 07:00 AM	61.0	45.3	09:35 AM - 09:40 AM	63.5	41.7
04:20 AM - 04:25 AM	69.6	57.4	07:00 AM - 07:05 AM	58.8	42.2	09:40 AM - 09:45 AM	60.2	43.3
04:25 AM - 04:30 AM	66.8	53.1	07:05 AM - 07:10 AM	59.8	42.0	09:45 AM - 09:50 AM	71.8	44.0
04:30 AM - 04:35 AM	68.0	57.6	07:10 AM - 07:15 AM	61.1	41.7	09:50 AM - 09:55 AM	59.0	42.8
04:35 AM - 04:40 AM	66.4	53.6	07:15 AM - 07:20 AM	59.7	43.6	09:55 AM - 10:00 AM	58.8	40.8

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655384-1

Sample Number 2338620-13
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ช.เกษมนาคพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	64.4	40.7	12:40 PM - 12:45 PM	58.9	42.6	03:20 PM - 03:25 PM	65.4	47.0
10:05 AM - 10:10 AM	68.1	41.8	12:45 PM - 12:50 PM	59.4	43.5	03:25 PM - 03:30 PM	64.3	45.1
10:10 AM - 10:15 AM	64.6	57.5	12:50 PM - 12:55 PM	65.5	43.1	03:30 PM - 03:35 PM	63.6	47.4
10:15 AM - 10:20 AM	63.2	44.2	12:55 PM - 01:00 PM	56.0	42.0	03:35 PM - 03:40 PM	63.2	51.4
10:20 AM - 10:25 AM	60.6	43.4	01:00 PM - 01:05 PM	59.2	41.8	03:40 PM - 03:45 PM	62.5	52.5
10:25 AM - 10:30 AM	57.9	42.0	01:05 PM - 01:10 PM	61.9	42.4	03:45 PM - 03:50 PM	62.6	52.0
10:30 AM - 10:35 AM	65.1	45.1	01:10 PM - 01:15 PM	60.4	44.3	03:50 PM - 03:55 PM	66.8	52.0
10:35 AM - 10:40 AM	59.4	44.5	01:15 PM - 01:20 PM	60.2	48.8	03:55 PM - 04:00 PM	65.0	47.7
10:40 AM - 10:45 AM	60.0	44.4	01:20 PM - 01:25 PM	60.6	46.2	04:00 PM - 04:05 PM	62.6	47.5
10:45 AM - 10:50 AM	59.0	43.6	01:25 PM - 01:30 PM	59.4	44.2	04:05 PM - 04:10 PM	62.2	47.5
10:50 AM - 10:55 AM	59.0	42.9	01:30 PM - 01:35 PM	61.0	43.2	04:10 PM - 04:15 PM	66.6	48.5
10:55 AM - 11:00 AM	58.7	44.0	01:35 PM - 01:40 PM	72.6	47.7	04:15 PM - 04:20 PM	64.1	48.4
11:00 AM - 11:05 AM	61.1	43.4	01:40 PM - 01:45 PM	62.9	45.5	04:20 PM - 04:25 PM	61.5	47.1
11:05 AM - 11:10 AM	64.9	46.4	01:45 PM - 01:50 PM	64.8	45.4	04:25 PM - 04:30 PM	65.0	48.4
11:10 AM - 11:15 AM	59.5	43.3	01:50 PM - 01:55 PM	63.5	45.9	04:30 PM - 04:35 PM	62.8	47.6
11:15 AM - 11:20 AM	58.9	42.3	01:55 PM - 02:00 PM	62.4	44.3	04:35 PM - 04:40 PM	59.6	45.5
11:20 AM - 11:25 AM	60.8	43.0	02:00 PM - 02:05 PM	61.8	45.9	04:40 PM - 04:45 PM	65.5	45.9
11:25 AM - 11:30 AM	61.6	42.3	02:05 PM - 02:10 PM	68.6	51.5	04:45 PM - 04:50 PM	62.6	45.0
11:30 AM - 11:35 AM	58.4	41.8	02:10 PM - 02:15 PM	66.0	50.3	04:50 PM - 04:55 PM	61.6	45.4
11:35 AM - 11:40 AM	61.0	44.8	02:15 PM - 02:20 PM	66.3	53.1	04:55 PM - 05:00 PM	62.3	44.5
11:40 AM - 11:45 AM	64.4	45.5	02:20 PM - 02:25 PM	65.9	55.1	05:00 PM - 05:05 PM	61.1	44.4
11:45 AM - 11:50 AM	61.0	43.0	02:25 PM - 02:30 PM	66.4	53.5	05:05 PM - 05:10 PM	67.2	51.8
11:50 AM - 11:55 AM	66.3	42.8	02:30 PM - 02:35 PM	66.0	56.5	05:10 PM - 05:15 PM	64.4	46.3
11:55 AM - 12:00 PM	56.2	42.5	02:35 PM - 02:40 PM	64.4	51.6	05:15 PM - 05:20 PM	61.9	47.6
12:00 PM - 12:05 PM	61.0	44.7	02:40 PM - 02:45 PM	64.4	49.8	05:20 PM - 05:25 PM	67.3	54.3
12:05 PM - 12:10 PM	58.1	43.3	02:45 PM - 02:50 PM	64.2	49.6	05:25 PM - 05:30 PM	65.9	47.1
12:10 PM - 12:15 PM	59.1	42.0	02:50 PM - 02:55 PM	63.0	48.3	05:30 PM - 05:35 PM	64.3	47.0
12:15 PM - 12:20 PM	62.7	41.9	02:55 PM - 03:00 PM	64.0	47.5	05:35 PM - 05:40 PM	64.5	45.5
12:20 PM - 12:25 PM	60.7	42.2	03:00 PM - 03:05 PM	64.4	46.7	05:40 PM - 05:45 PM	63.3	45.4
12:25 PM - 12:30 PM	62.3	41.2	03:05 PM - 03:10 PM	64.4	47.1	05:45 PM - 05:50 PM	61.7	44.8
12:30 PM - 12:35 PM	58.1	41.9	03:10 PM - 03:15 PM	65.1	49.2	05:50 PM - 05:55 PM	59.4	42.7
12:35 PM - 12:40 PM	56.7	40.2	03:15 PM - 03:20 PM	63.4	45.7	05:55 PM - 06:00 PM	59.9	42.1

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655384-1

Sample Number 2338620-13
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ช.เกษมนาคพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11, 2023 Time	Leq dB(A)	L90 dB(A)	May 11 - May 12, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	61.3	42.7	08:40 PM - 08:45 PM	54.8	40.8	11:20 PM - 11:25 PM	39.6	38.6
06:05 PM - 06:10 PM	55.5	42.2	08:45 PM - 08:50 PM	41.1	40.4	11:25 PM - 11:30 PM	40.4	39.0
06:10 PM - 06:15 PM	61.5	42.8	08:50 PM - 08:55 PM	51.3	40.3	11:30 PM - 11:35 PM	49.9	39.4
06:15 PM - 06:20 PM	60.3	42.1	08:55 PM - 09:00 PM	53.0	40.3	11:35 PM - 11:40 PM	41.4	39.0
06:20 PM - 06:25 PM	56.0	41.4	09:00 PM - 09:05 PM	49.9	41.7	11:40 PM - 11:45 PM	39.5	38.4
06:25 PM - 06:30 PM	58.6	41.6	09:05 PM - 09:10 PM	49.9	41.6	11:45 PM - 11:50 PM	46.6	37.8
06:30 PM - 06:35 PM	57.8	41.4	09:10 PM - 09:15 PM	49.2	41.5	11:50 PM - 11:55 PM	50.4	37.3
06:35 PM - 06:40 PM	58.2	42.3	09:15 PM - 09:20 PM	53.5	41.7	11:55 PM - 12:00 AM	47.5	38.1
06:40 PM - 06:45 PM	60.1	45.6	09:20 PM - 09:25 PM	48.2	41.7	12:00 AM - 12:05 AM	38.8	38.0
06:45 PM - 06:50 PM	58.3	41.5	09:25 PM - 09:30 PM	48.2	40.3	12:05 AM - 12:10 AM	46.9	38.1
06:50 PM - 06:55 PM	58.3	41.6	09:30 PM - 09:35 PM	53.1	39.8	12:10 AM - 12:15 AM	41.5	37.8
06:55 PM - 07:00 PM	58.3	40.9	09:35 PM - 09:40 PM	63.5	39.9	12:15 AM - 12:20 AM	45.0	38.6
07:00 PM - 07:05 PM	62.3	41.2	09:40 PM - 09:45 PM	51.9	40.1	12:20 AM - 12:25 AM	47.0	39.1
07:05 PM - 07:10 PM	59.8	39.9	09:45 PM - 09:50 PM	40.5	39.5	12:25 AM - 12:30 AM	52.4	38.8
07:10 PM - 07:15 PM	54.7	40.3	09:50 PM - 09:55 PM	49.5	39.6	12:30 AM - 12:35 AM	49.0	39.1
07:15 PM - 07:20 PM	56.6	41.1	09:55 PM - 10:00 PM	40.0	39.1	12:35 AM - 12:40 AM	47.1	38.6
07:20 PM - 07:25 PM	54.1	41.5	10:00 PM - 10:05 PM	40.7	39.7	12:40 AM - 12:45 AM	47.5	37.9
07:25 PM - 07:30 PM	56.7	41.6	10:05 PM - 10:10 PM	56.9	41.0	12:45 AM - 12:50 AM	58.6	39.2
07:30 PM - 07:35 PM	55.4	41.9	10:10 PM - 10:15 PM	42.3	40.1	12:50 AM - 12:55 AM	55.4	38.8
07:35 PM - 07:40 PM	50.7	41.4	10:15 PM - 10:20 PM	41.9	40.6	12:55 AM - 01:00 AM	53.5	38.9
07:40 PM - 07:45 PM	54.2	39.7	10:20 PM - 10:25 PM	55.8	40.8	01:00 AM - 01:05 AM	41.3	38.6
07:45 PM - 07:50 PM	56.8	39.6	10:25 PM - 10:30 PM	47.9	41.0	01:05 AM - 01:10 AM	45.8	38.7
07:50 PM - 07:55 PM	52.7	38.6	10:30 PM - 10:35 PM	45.3	40.8	01:10 AM - 01:15 AM	51.8	38.9
07:55 PM - 08:00 PM	56.2	37.8	10:35 PM - 10:40 PM	57.4	41.4	01:15 AM - 01:20 AM	55.1	39.3
08:00 PM - 08:05 PM	47.7	38.2	10:40 PM - 10:45 PM	47.7	40.5	01:20 AM - 01:25 AM	51.2	40.4
08:05 PM - 08:10 PM	49.7	39.4	10:45 PM - 10:50 PM	41.0	39.7	01:25 AM - 01:30 AM	51.2	39.6
08:10 PM - 08:15 PM	55.4	40.8	10:50 PM - 10:55 PM	49.0	39.0	01:30 AM - 01:35 AM	70.6	45.5
08:15 PM - 08:20 PM	55.7	40.9	10:55 PM - 11:00 PM	39.6	37.9	01:35 AM - 01:40 AM	50.2	39.4
08:20 PM - 08:25 PM	51.1	40.7	11:00 PM - 11:05 PM	45.2	38.4	01:40 AM - 01:45 AM	50.3	39.5
08:25 PM - 08:30 PM	46.7	40.3	11:05 PM - 11:10 PM	44.6	38.5	01:45 AM - 01:50 AM	51.1	39.6
08:30 PM - 08:35 PM	53.1	40.4	11:10 PM - 11:15 PM	45.8	38.2	01:50 AM - 01:55 AM	48.8	40.2
08:35 PM - 08:40 PM	50.1	40.4	11:15 PM - 11:20 PM	52.4	38.1	01:55 AM - 02:00 AM	56.2	38.8

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655384-1

Sample Number 2338620-13
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 11 - May 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	51.5	39.7	04:40 AM - 04:45 AM	69.5	59.9	07:20 AM - 07:25 AM	62.1	41.5
02:05 AM - 02:10 AM	53.9	41.4	04:45 AM - 04:50 AM	70.4	60.4	07:25 AM - 07:30 AM	64.2	42.3
02:10 AM - 02:15 AM	53.8	41.2	04:50 AM - 04:55 AM	68.7	58.0	07:30 AM - 07:35 AM	68.8	43.9
02:15 AM - 02:20 AM	55.7	41.3	04:55 AM - 05:00 AM	68.7	57.3	07:35 AM - 07:40 AM	68.3	45.6
02:20 AM - 02:25 AM	54.3	41.1	05:00 AM - 05:05 AM	70.1	55.6	07:40 AM - 07:45 AM	62.2	44.0
02:25 AM - 02:30 AM	55.2	41.4	05:05 AM - 05:10 AM	68.8	56.7	07:45 AM - 07:50 AM	62.3	42.8
02:30 AM - 02:35 AM	55.2	49.0	05:10 AM - 05:15 AM	65.8	52.6	07:50 AM - 07:55 AM	62.6	42.5
02:35 AM - 02:40 AM	59.3	44.9	05:15 AM - 05:20 AM	63.2	46.3	07:55 AM - 08:00 AM	66.8	44.2
02:40 AM - 02:45 AM	58.9	43.7	05:20 AM - 05:25 AM	64.7	48.6	08:00 AM - 08:05 AM	63.6	43.7
02:45 AM - 02:50 AM	59.9	42.0	05:25 AM - 05:30 AM	64.5	50.4	08:05 AM - 08:10 AM	61.2	43.0
02:50 AM - 02:55 AM	61.4	43.0	05:30 AM - 05:35 AM	64.6	50.9	08:10 AM - 08:15 AM	62.5	45.2
02:55 AM - 03:00 AM	60.4	43.3	05:35 AM - 05:40 AM	63.9	48.8	08:15 AM - 08:20 AM	61.1	45.3
03:00 AM - 03:05 AM	61.1	44.4	05:40 AM - 05:45 AM	65.2	50.0	08:20 AM - 08:25 AM	62.1	43.4
03:05 AM - 03:10 AM	64.1	48.2	05:45 AM - 05:50 AM	62.5	50.5	08:25 AM - 08:30 AM	59.9	43.6
03:10 AM - 03:15 AM	64.4	45.6	05:50 AM - 05:55 AM	61.7	52.8	08:30 AM - 08:35 AM	64.8	47.7
03:15 AM - 03:20 AM	58.0	44.0	05:55 AM - 06:00 AM	63.1	49.9	08:35 AM - 08:40 AM	60.5	46.1
03:20 AM - 03:25 AM	65.0	46.2	06:00 AM - 06:05 AM	65.6	49.6	08:40 AM - 08:45 AM	62.5	47.6
03:25 AM - 03:30 AM	69.6	44.9	06:05 AM - 06:10 AM	67.0	52.1	08:45 AM - 08:50 AM	63.8	44.2
03:30 AM - 03:35 AM	64.6	50.4	06:10 AM - 06:15 AM	62.2	51.1	08:50 AM - 08:55 AM	64.5	47.4
03:35 AM - 03:40 AM	67.0	51.6	06:15 AM - 06:20 AM	59.8	50.2	08:55 AM - 09:00 AM	62.0	43.5
03:40 AM - 03:45 AM	69.0	50.2	06:20 AM - 06:25 AM	59.4	49.6	09:00 AM - 09:05 AM	63.7	42.5
03:45 AM - 03:50 AM	67.5	52.9	06:25 AM - 06:30 AM	58.3	47.9	09:05 AM - 09:10 AM	66.6	46.3
03:50 AM - 03:55 AM	65.3	52.0	06:30 AM - 06:35 AM	66.6	49.9	09:10 AM - 09:15 AM	60.8	43.8
03:55 AM - 04:00 AM	67.0	52.8	06:35 AM - 06:40 AM	59.4	49.5	09:15 AM - 09:20 AM	64.2	42.4
04:00 AM - 04:05 AM	68.6	55.4	06:40 AM - 06:45 AM	60.6	48.8	09:20 AM - 09:25 AM	61.2	42.3
04:05 AM - 04:10 AM	74.1	68.1	06:45 AM - 06:50 AM	62.7	45.8	09:25 AM - 09:30 AM	60.8	41.8
04:10 AM - 04:15 AM	74.3	70.8	06:50 AM - 06:55 AM	58.7	41.9	09:30 AM - 09:35 AM	59.0	41.0
04:15 AM - 04:20 AM	72.1	65.2	06:55 AM - 07:00 AM	63.8	43.5	09:35 AM - 09:40 AM	66.1	42.4
04:20 AM - 04:25 AM	71.8	63.3	07:00 AM - 07:05 AM	60.6	43.3	09:40 AM - 09:45 AM	63.6	41.4
04:25 AM - 04:30 AM	72.5	65.8	07:05 AM - 07:10 AM	63.3	42.4	09:45 AM - 09:50 AM	59.2	42.5
04:30 AM - 04:35 AM	70.7	63.2	07:10 AM - 07:15 AM	62.7	43.6	09:50 AM - 09:55 AM	61.2	42.0
04:35 AM - 04:40 AM	71.7	65.2	07:15 AM - 07:20 AM	60.6	42.1	09:55 AM - 10:00 AM	71.1	43.8

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655385-1

Sample Number 2338620-14
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	60.4	42.5	12:40 PM - 12:45 PM	62.4	42.9	03:20 PM - 03:25 PM	65.0	48.1
10:05 AM - 10:10 AM	59.2	42.6	12:45 PM - 12:50 PM	61.1	41.3	03:25 PM - 03:30 PM	63.1	47.2
10:10 AM - 10:15 AM	61.9	46.4	12:50 PM - 12:55 PM	55.5	40.9	03:30 PM - 03:35 PM	64.6	48.8
10:15 AM - 10:20 AM	63.2	45.5	12:55 PM - 01:00 PM	57.4	40.4	03:35 PM - 03:40 PM	67.3	47.0
10:20 AM - 10:25 AM	58.3	43.7	01:00 PM - 01:05 PM	59.0	43.0	03:40 PM - 03:45 PM	66.1	51.2
10:25 AM - 10:30 AM	61.6	44.2	01:05 PM - 01:10 PM	59.8	42.5	03:45 PM - 03:50 PM	67.9	50.6
10:30 AM - 10:35 AM	61.0	45.6	01:10 PM - 01:15 PM	54.4	43.1	03:50 PM - 03:55 PM	62.2	50.1
10:35 AM - 10:40 AM	60.3	44.6	01:15 PM - 01:20 PM	59.4	43.1	03:55 PM - 04:00 PM	62.7	47.4
10:40 AM - 10:45 AM	57.1	43.0	01:20 PM - 01:25 PM	62.9	43.8	04:00 PM - 04:05 PM	64.9	48.8
10:45 AM - 10:50 AM	57.8	43.7	01:25 PM - 01:30 PM	59.9	43.0	04:05 PM - 04:10 PM	62.4	47.3
10:50 AM - 10:55 AM	61.0	44.6	01:30 PM - 01:35 PM	60.3	46.6	04:10 PM - 04:15 PM	64.1	47.3
10:55 AM - 11:00 AM	60.2	43.0	01:35 PM - 01:40 PM	67.1	46.5	04:15 PM - 04:20 PM	66.3	51.3
11:00 AM - 11:05 AM	60.1	43.3	01:40 PM - 01:45 PM	65.6	48.1	04:20 PM - 04:25 PM	63.4	49.9
11:05 AM - 11:10 AM	56.8	44.7	01:45 PM - 01:50 PM	63.5	49.4	04:25 PM - 04:30 PM	65.9	52.5
11:10 AM - 11:15 AM	63.3	42.8	01:50 PM - 01:55 PM	60.6	49.1	04:30 PM - 04:35 PM	63.1	48.9
11:15 AM - 11:20 AM	70.5	44.4	01:55 PM - 02:00 PM	63.1	50.1	04:35 PM - 04:40 PM	64.2	47.7
11:20 AM - 11:25 AM	59.3	44.3	02:00 PM - 02:05 PM	59.6	50.9	04:40 PM - 04:45 PM	62.7	46.6
11:25 AM - 11:30 AM	58.5	42.5	02:05 PM - 02:10 PM	63.7	52.1	04:45 PM - 04:50 PM	61.4	47.1
11:30 AM - 11:35 AM	64.9	42.6	02:10 PM - 02:15 PM	68.9	54.2	04:50 PM - 04:55 PM	61.6	46.6
11:35 AM - 11:40 AM	63.2	45.6	02:15 PM - 02:20 PM	65.8	50.2	04:55 PM - 05:00 PM	61.9	45.3
11:40 AM - 11:45 AM	61.3	43.8	02:20 PM - 02:25 PM	66.4	50.5	05:00 PM - 05:05 PM	58.5	45.2
11:45 AM - 11:50 AM	59.0	42.8	02:25 PM - 02:30 PM	67.8	49.7	05:05 PM - 05:10 PM	65.0	46.8
11:50 AM - 11:55 AM	62.9	42.0	02:30 PM - 02:35 PM	65.0	50.9	05:10 PM - 05:15 PM	65.8	52.4
11:55 AM - 12:00 PM	64.4	43.7	02:35 PM - 02:40 PM	65.6	50.6	05:15 PM - 05:20 PM	66.5	47.0
12:00 PM - 12:05 PM	58.7	43.8	02:40 PM - 02:45 PM	65.4	52.7	05:20 PM - 05:25 PM	66.0	47.6
12:05 PM - 12:10 PM	61.0	44.7	02:45 PM - 02:50 PM	63.6	52.7	05:25 PM - 05:30 PM	62.6	46.7
12:10 PM - 12:15 PM	59.6	44.5	02:50 PM - 02:55 PM	64.2	51.0	05:30 PM - 05:35 PM	65.5	47.5
12:15 PM - 12:20 PM	57.8	43.1	02:55 PM - 03:00 PM	64.9	49.7	05:35 PM - 05:40 PM	65.0	46.0
12:20 PM - 12:25 PM	55.9	42.4	03:00 PM - 03:05 PM	64.1	47.1	05:40 PM - 05:45 PM	62.0	46.8
12:25 PM - 12:30 PM	63.1	41.9	03:05 PM - 03:10 PM	64.5	48.8	05:45 PM - 05:50 PM	63.6	46.0
12:30 PM - 12:35 PM	59.6	43.0	03:10 PM - 03:15 PM	64.1	46.9	05:50 PM - 05:55 PM	62.3	46.1
12:35 PM - 12:40 PM	60.0	43.7	03:15 PM - 03:20 PM	65.1	50.4	05:55 PM - 06:00 PM	57.5	44.9

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655385-1

Sample Number 2338620-14
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12, 2023 Time	Leq dB(A)	L90 dB(A)	May 12 - May 13, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	62.7	44.4	08:40 PM - 08:45 PM	52.4	41.4	11:20 PM - 11:25 PM	47.1	39.4
06:05 PM - 06:10 PM	58.7	43.8	08:45 PM - 08:50 PM	51.5	41.3	11:25 PM - 11:30 PM	47.3	40.2
06:10 PM - 06:15 PM	60.1	44.5	08:50 PM - 08:55 PM	57.0	41.0	11:30 PM - 11:35 PM	58.0	40.1
06:15 PM - 06:20 PM	58.4	44.3	08:55 PM - 09:00 PM	55.0	41.3	11:35 PM - 11:40 PM	45.9	40.2
06:20 PM - 06:25 PM	57.8	44.6	09:00 PM - 09:05 PM	53.7	41.4	11:40 PM - 11:45 PM	52.8	40.5
06:25 PM - 06:30 PM	62.5	44.4	09:05 PM - 09:10 PM	48.9	40.5	11:45 PM - 11:50 PM	55.7	40.7
06:30 PM - 06:35 PM	58.4	43.8	09:10 PM - 09:15 PM	47.5	40.7	11:50 PM - 11:55 PM	52.5	41.3
06:35 PM - 06:40 PM	67.9	43.6	09:15 PM - 09:20 PM	54.7	41.0	11:55 PM - 12:00 AM	52.9	40.8
06:40 PM - 06:45 PM	59.5	43.6	09:20 PM - 09:25 PM	56.8	40.3	12:00 AM - 12:05 AM	53.8	40.3
06:45 PM - 06:50 PM	55.2	43.1	09:25 PM - 09:30 PM	57.7	40.9	12:05 AM - 12:10 AM	55.2	39.9
06:50 PM - 06:55 PM	57.4	43.9	09:30 PM - 09:35 PM	58.0	41.7	12:10 AM - 12:15 AM	50.4	40.1
06:55 PM - 07:00 PM	54.6	43.2	09:35 PM - 09:40 PM	51.4	41.5	12:15 AM - 12:20 AM	55.5	41.4
07:00 PM - 07:05 PM	55.2	43.0	09:40 PM - 09:45 PM	51.2	41.2	12:20 AM - 12:25 AM	56.5	41.5
07:05 PM - 07:10 PM	61.0	43.1	09:45 PM - 09:50 PM	45.4	41.4	12:25 AM - 12:30 AM	56.6	41.6
07:10 PM - 07:15 PM	56.8	42.5	09:50 PM - 09:55 PM	54.2	41.3	12:30 AM - 12:35 AM	62.1	41.7
07:15 PM - 07:20 PM	53.5	41.8	09:55 PM - 10:00 PM	50.4	40.9	12:35 AM - 12:40 AM	45.0	41.5
07:20 PM - 07:25 PM	63.5	42.5	10:00 PM - 10:05 PM	53.6	40.2	12:40 AM - 12:45 AM	54.7	41.7
07:25 PM - 07:30 PM	56.3	41.8	10:05 PM - 10:10 PM	44.8	39.7	12:45 AM - 12:50 AM	60.2	42.0
07:30 PM - 07:35 PM	57.4	42.0	10:10 PM - 10:15 PM	45.7	40.0	12:50 AM - 12:55 AM	50.9	41.7
07:35 PM - 07:40 PM	60.8	41.1	10:15 PM - 10:20 PM	48.6	39.9	12:55 AM - 01:00 AM	43.2	41.1
07:40 PM - 07:45 PM	60.3	41.0	10:20 PM - 10:25 PM	45.6	40.1	01:00 AM - 01:05 AM	42.4	40.4
07:45 PM - 07:50 PM	55.1	41.4	10:25 PM - 10:30 PM	41.2	39.8	01:05 AM - 01:10 AM	48.5	40.2
07:50 PM - 07:55 PM	53.1	41.6	10:30 PM - 10:35 PM	43.2	39.8	01:10 AM - 01:15 AM	50.6	40.7
07:55 PM - 08:00 PM	52.2	41.6	10:35 PM - 10:40 PM	43.5	40.8	01:15 AM - 01:20 AM	41.5	39.7
08:00 PM - 08:05 PM	69.8	41.8	10:40 PM - 10:45 PM	52.8	40.6	01:20 AM - 01:25 AM	55.3	40.7
08:05 PM - 08:10 PM	60.2	41.6	10:45 PM - 10:50 PM	51.2	40.3	01:25 AM - 01:30 AM	68.0	40.6
08:10 PM - 08:15 PM	55.0	42.1	10:50 PM - 10:55 PM	47.0	39.2	01:30 AM - 01:35 AM	51.7	40.4
08:15 PM - 08:20 PM	53.7	41.9	10:55 PM - 11:00 PM	44.5	39.5	01:35 AM - 01:40 AM	51.6	40.8
08:20 PM - 08:25 PM	42.5	41.4	11:00 PM - 11:05 PM	48.9	39.9	01:40 AM - 01:45 AM	49.3	40.5
08:25 PM - 08:30 PM	58.9	41.9	11:05 PM - 11:10 PM	43.1	39.9	01:45 AM - 01:50 AM	56.4	40.1
08:30 PM - 08:35 PM	50.5	41.0	11:10 PM - 11:15 PM	52.4	40.3	01:50 AM - 01:55 AM	55.0	40.1
08:35 PM - 08:40 PM	58.5	41.1	11:15 PM - 11:20 PM	51.7	39.7	01:55 AM - 02:00 AM	54.6	41.6

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Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

Client : Rojana Industrial Park Rayong 2 Co., Ltd.
54/5 Moo 1, Map Yang Phon, Pluak Daeng, Rayong Thailand 21140
P/O :
Project Name : Pluak Daeng
Project Location :

Lot ID: 2338620
Date Received :May 16, 2023
Date Reported :May 19, 2023
Report Number : 2655385-1

Sample Number 2338620-14
Parameter Noise Level (Leq 5 min)
Location บ้านพักอาศัย หมู่ 2 ซ.มาบยางพร 15 (N2) (GPS 47P 0733642, 1434006)
Measurement Date May 12 - May 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 00900073

May 13, 2023 Time	Leq dB(A)	L90 dB(A)	May 13, 2023 Time	Leq dB(A)	L90 dB(A)	May 13, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	59.9	41.2	04:40 AM - 04:45 AM	64.1	46.4	07:20 AM - 07:25 AM	66.9	52.3
02:05 AM - 02:10 AM	53.4	41.2	04:45 AM - 04:50 AM	65.8	52.3	07:25 AM - 07:30 AM	66.2	48.8
02:10 AM - 02:15 AM	46.8	41.4	04:50 AM - 04:55 AM	64.5	53.2	07:30 AM - 07:35 AM	63.9	49.4
02:15 AM - 02:20 AM	60.3	41.5	04:55 AM - 05:00 AM	69.2	50.1	07:35 AM - 07:40 AM	66.3	48.7
02:20 AM - 02:25 AM	55.4	41.6	05:00 AM - 05:05 AM	67.4	48.0	07:40 AM - 07:45 AM	66.1	50.4
02:25 AM - 02:30 AM	52.6	41.8	05:05 AM - 05:10 AM	64.5	46.3	07:45 AM - 07:50 AM	67.4	49.0
02:30 AM - 02:35 AM	56.2	46.7	05:10 AM - 05:15 AM	60.8	43.3	07:50 AM - 07:55 AM	65.8	50.0
02:35 AM - 02:40 AM	59.6	43.9	05:15 AM - 05:20 AM	64.2	49.6	07:55 AM - 08:00 AM	63.6	46.4
02:40 AM - 02:45 AM	58.1	43.9	05:20 AM - 05:25 AM	63.5	47.9	08:00 AM - 08:05 AM	66.2	49.2
02:45 AM - 02:50 AM	57.7	44.6	05:25 AM - 05:30 AM	63.5	47.9	08:05 AM - 08:10 AM	64.5	49.2
02:50 AM - 02:55 AM	57.6	44.2	05:30 AM - 05:35 AM	61.4	46.7	08:10 AM - 08:15 AM	63.9	47.7
02:55 AM - 03:00 AM	59.8	45.1	05:35 AM - 05:40 AM	60.7	47.5	08:15 AM - 08:20 AM	67.9	46.5
03:00 AM - 03:05 AM	60.2	45.3	05:40 AM - 05:45 AM	60.5	46.0	08:20 AM - 08:25 AM	64.3	50.1
03:05 AM - 03:10 AM	64.6	45.3	05:45 AM - 05:50 AM	62.9	51.5	08:25 AM - 08:30 AM	64.1	49.3
03:10 AM - 03:15 AM	62.0	45.3	05:50 AM - 05:55 AM	59.2	44.7	08:30 AM - 08:35 AM	64.3	47.1
03:15 AM - 03:20 AM	62.6	47.4	05:55 AM - 06:00 AM	58.5	45.6	08:35 AM - 08:40 AM	66.5	47.6
03:20 AM - 03:25 AM	59.5	45.8	06:00 AM - 06:05 AM	62.3	47.6	08:40 AM - 08:45 AM	63.9	47.2
03:25 AM - 03:30 AM	59.7	46.3	06:05 AM - 06:10 AM	61.0	43.9	08:45 AM - 08:50 AM	62.9	47.2
03:30 AM - 03:35 AM	68.3	47.8	06:10 AM - 06:15 AM	60.6	45.1	08:50 AM - 08:55 AM	63.5	47.3
03:35 AM - 03:40 AM	62.1	46.7	06:15 AM - 06:20 AM	60.6	47.3	08:55 AM - 09:00 AM	64.4	51.2
03:40 AM - 03:45 AM	67.8	52.1	06:20 AM - 06:25 AM	62.1	46.4	09:00 AM - 09:05 AM	69.8	50.9
03:45 AM - 03:50 AM	65.2	51.7	06:25 AM - 06:30 AM	62.0	46.7	09:05 AM - 09:10 AM	62.9	50.7
03:50 AM - 03:55 AM	66.0	51.6	06:30 AM - 06:35 AM	63.3	44.5	09:10 AM - 09:15 AM	62.8	48.6
03:55 AM - 04:00 AM	68.8	51.2	06:35 AM - 06:40 AM	60.5	46.0	09:15 AM - 09:20 AM	61.2	44.9
04:00 AM - 04:05 AM	64.4	48.9	06:40 AM - 06:45 AM	61.6	45.6	09:20 AM - 09:25 AM	65.0	47.2
04:05 AM - 04:10 AM	66.3	50.3	06:45 AM - 06:50 AM	62.2	44.9	09:25 AM - 09:30 AM	64.6	51.3
04:10 AM - 04:15 AM	67.0	50.4	06:50 AM - 06:55 AM	66.5	45.8	09:30 AM - 09:35 AM	63.2	47.9
04:15 AM - 04:20 AM	66.0	53.5	06:55 AM - 07:00 AM	64.1	46.4	09:35 AM - 09:40 AM	64.6	48.4
04:20 AM - 04:25 AM	67.6	51.8	07:00 AM - 07:05 AM	62.3	45.8	09:40 AM - 09:45 AM	65.4	48.6
04:25 AM - 04:30 AM	65.8	50.7	07:05 AM - 07:10 AM	62.3	44.8	09:45 AM - 09:50 AM	64.4	49.1
04:30 AM - 04:35,AM	66.4	49.1	07:10 AM - 07:15 AM	60.7	44.6	09:50 AM - 09:55 AM	60.9	46.0
04:35 AM - 04:40 AM	65.5	49.9	07:15 AM - 07:20 AM	65.4	44.5	09:55 AM - 10:00 AM	60.5	46.4

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