

Test Report

Request No : W6607445

Report No : 6608-0098

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071604

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0165	≤0.25
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.7	≤500
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

01/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

01/08/2023

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ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6607445

Report No : 6608-0098

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071604

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	20	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	35	≤600
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	<0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	<0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	0.5	≤1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071604

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

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Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤0.25
Lead *	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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Sample No : W 66071604

Sample Name : บริเวณบ่อสูบน้ำ**

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Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

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Parameter	Unit	Method	Result	Standard ¹
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.039	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S ₂ - F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	198	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	6	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	51	≤200

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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Sampling Source : Pinthong Industrial Park (Project 4)

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Sampling Date : 17/07/2023

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Sampling Time : 8:30 AM

Sampling Method : Grab

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Flow Rate	m ³ /day	Calculation Method	not available	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	6.53	≤10
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	≤1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)



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Examined By : 

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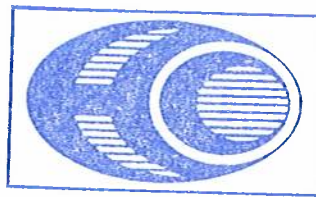
TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66071604
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 17/07/2023
Sampling By : ETC Sampling Time : 8:30 AM
Sampling Method : Grab Received Date : 18/07/2023
Tested Date : 18/07/2023 – 27/07/2023 Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Supharerk Phatklang (จ-003-ค-5637)

Examined By.....
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
01/08/2023



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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071605

Sample Name : Holding Pond**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.0	≤20
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	117	≤120

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L(6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071605

Sample Name : Holding Pond**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

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Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	< 0.5	≤1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L(6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

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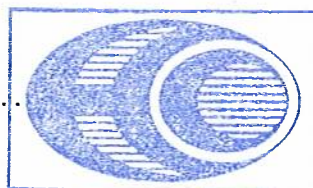
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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071605

Sample Name : Holding Pond**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead *	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L(6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ท-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)

01/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ท-4367)

01/08/2023

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ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6607445

Report No : 6608-0099

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071605

Sample Name : Holding Pond**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site) *		Electrometric Method	6.7	5.5-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2- F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	85	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	17	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	28	≤50

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L(6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]


Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-๐๐3-๓-5637)*

5. ** = These data are non laboratory data.

Examined By : 
(Miss Apiradee Chuen-arom)
(๓-๐๐3-๓-4377)

01/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)

(๓-๐๐3-๓-4367)

01/08/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6607445

Report No : 6608-0099

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66071605

Sample Name : Holding Pond**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

01/08/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

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Test Report

Request No : W6607445

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-0099

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66071605

Sample Name : Holding Pond

Sampling Date : 17/07/2023

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.5	-
Flow Rate	m ³ /day	Calculation Method	not available	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.55	-
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 1.00	-

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L(6 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang (1-003-1-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
01/08/2023

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Request No. W6607445

Report No. 6608-0099

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66071605
Sample Name : Holding Pond Sampling Date : 17/07/2023
Sampling By : ETC Sampling Time : 8:50 AM
Sampling Method : Grab Received Date : 18/07/2023
Tested Date : 18/07/2023 – 27/07/2023 Reported Date : 01/08/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Supharerk Phatklang (ว-003-ก-5637)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

01/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-4367)

01/08/2023

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Test Report

Request No : W6608455

Report No : 6609-0168

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0104	≤0.25
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤500
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (1-003-1-0016)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-1-0007)

06/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-1-0005)

06/09/2023

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Test Report

Request No : W6608455

Report No : 6609-0168

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	40	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	44	≤600
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	< 0.5	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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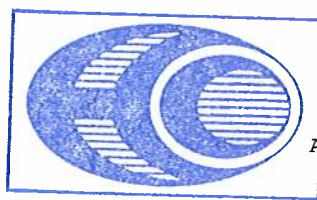
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(จ-003-ก-0007)

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Test Report

Request No : W6608455

Report No : 6609-0168

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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Request No : W6608455

Report No : 6609-0168

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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.4	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.033	≤ 1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	31	≤ 45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	227	≤ 3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	9	≤ 100

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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Examined By :

(Miss Apiradee Chuen-arom)

(๓-003-๓-0007)

06/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

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(๓-003-๓-0005)

06/09/2023

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Test Report

Request No : W6608455

Report No : 6609-0168

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	9	≤200
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-0007)

06/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-จ-0005)

06/09/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608455

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-0168

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230*

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081469

Sample Name : บริเวณบ่อสูบน้ำ

Sampling Date : 18/08/2023

Sampling By : ETC

Sampling Time : 11:20 AM

Sampling Method : Grab**

Received Date : 19/08/2023

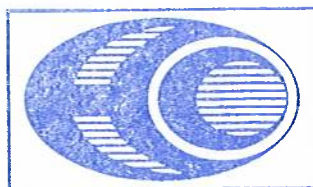
Tested Date : 21/08/2023 - 02/09/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	3.9	-
Flow Rate	m ³ /day	Calculation Method	not available	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.67	≤10
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/09/2023

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Request No. W6608455

Report No. 6609-0168

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081469
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 18/08/2023
Sampling By : ETC Sampling Time : 11:20 AM
Sampling Method : Grab Received Date : 19/08/2023
Tested Date : 21/08/2023 – 02/09/2023 Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ก-0007)
06/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(Miss Nunnaphat Bakhuntod)
(ว-003-ก-0005)
06/09/2023

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Test Report

Request No : W6608455

Report No : 6609-0169

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081470

Sample Name : Holding Pond**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.9	≤ 20
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	92	≤ 120

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (1-003-ก-0016)*

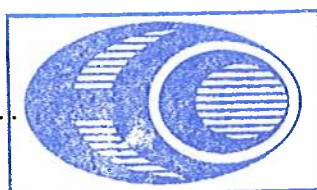
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Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

06/09/2023



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Test Report

Request No : W6608455

Report No : 6609-0169

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081470

Sample Name : Holding Pond**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	< 0.5	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Request No : W6608455

Report No : 6609-0169

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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081470

Sample Name : Holding Pond**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤ 5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081470

Sample Name : Holding Pond**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.007	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	73	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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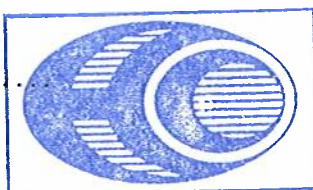
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

06/09/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

06/09/2023

REPORTED BY: ๒๕๖๓-๐๙-๐๖
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Test Report

Request No : W6608455

Report No : 6609-0169

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081470

Sample Name : Holding Pond**

Sampling Date : 18/08/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 19/08/2023

Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/L	Dried at 103-105 degree celsius (SM:2540D)	17	≤50
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

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Test Report

Request No : W6608455

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-0169

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081470

Sample Name : Holding Pond

Sampling Date : 18/08/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 19/08/2023

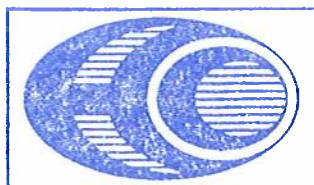
Tested Date : 21/08/2023 - 29/08/2023

Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.3	-
Flow Rate	m ³ /day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	-
Silver	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	-
Sodium Adsorption Ratio (SAR)	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<1.00	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan



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Examined By :

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06/09/2023

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Request No. W6608455

Report No. 6609-0169

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081470
Sample Name : Holding Pond Sampling Date : 18/08/2023
Sampling By : ETC Sampling Time : 11:10 AM
Sampling Method : Grab Received Date : 19/08/2023
Tested Date : 21/08/2023 – 29/08/2023 Reported Date : 06/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
06/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/09/2023

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บริษัท ปันทอง ยูทิลิตี้ส์ แอนด์ รีนิวเอเบิล เอ็นเนอร์ยี จำกัด

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel: 033-136-574 to 6 ext. 320, E-mail: lab@pin-pure.com

REGISTERED LAB NO. 2-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nawarat Jittiruangkiart (2-341-2-0002)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), EQ Tank
Sampling Date : 11/09/23
Sampling Time : 09.22 AM
Sample No. : WW 1189/66
Report No. : 660001-R1055
Report Date : 26/09/23
Received Date : 11/09/23
Analytical Date : 11/09/23-26/09/23

Item / Parameter	Unit	Analytical Method [®]	Result	Criteria
Biochemical Oxygen Demand	mg/L	SM 4500-O G and 5210 B	8	-
Chemical Oxygen Demand	mg/L	SM 5220 D	<40	-
Color (Original)	ADMI	SM 2120 F	<20	-
Color (pH 7.00)	ADMI	SM 2120 F	<20	-
Oil & Grease	mg/L	SM 5520 B	<3	-
pH	-	SM 4500-H ⁺ B	8.3	-
Temperature	°C	SM 2550 B	29.9	-
Total Dissolved Solids (TDS)	mg/L	SM 2540 C	156	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	SM 4500-N _{org} B and 4500-NH ₃ C	<10	-
Total Suspended Solids (TSS)	mg/L	SM 2540 D	76.7	-
Sulfide	mg/l as H ₂ S	SM 4500-S ²⁻ F	<0.5	-

Physical Appearance Sample: Yellow, Turbid

Remark :

Approved by:

(Miss Panida Ruamlarp)

2-341-2-0002

21/09/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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บริษัท ปันทอง ยูทิลิตี้ส์ แอนด์ รีนิวเอเบิล เอ็นเนอร์ยี จำกัด

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel: 033-136-574 to 6 ext. 320, E-mail: lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nawarat Jittiruangkiat
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), EQ Tank
Sampling Date : 11/09/23
Sampling Time : 09.22 AM
Sample No. : WW 1189/66
Report No. : 660001-R1055
Report Date : 26/09/23
Received Date : 11/09/23
Analytical Date : 11/09/23-26/09/23

Item / Parameter	Unit	Analytical Method ®	Result	Criteria
Free Chlorine	mg/l as Cl ₂	Portable Photometer	0.79	-

Physical Appearance Sample: Yellow, Turbid

Remark :

Review by:

Songkran M.

(Mr. Songkran Malaithong)

21/09/23

Approved by:

P. Da.

(Miss Panida Ruamlarp)

21/09/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6609290

Report No : 6609-2008

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091136

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0075	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.7	≤500
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609- 2008

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091136

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	68	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	70	≤600
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	0.8	≤1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (1-003-ก-0017)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

28/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

28/09/2023

COPY

Test Report

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 12/09/2023 - 22/09/2023

Sample No : W 66091136

Sampling Date : 11/09/2023**

Sampling Time : 9:20 AM**

Received Date : 12/09/2023

Reported Date : 28/09/2023

Request No : W6609290

Report No : 6609- 2008

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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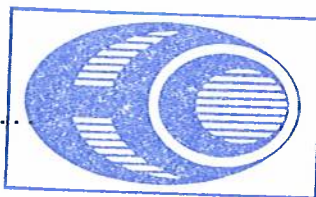
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5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609- 2008

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091136

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease ^Q	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids [#]	mg/L	Dried at 180 degree celsius (SM:2540C)	176	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*

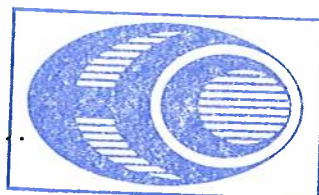
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609- 2008

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091136

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/L	Dried at 103-105 degree celsius (SM:2540D)	26	≤200
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609-2008

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091136

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	3.6	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	3.87	≤10
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	≤1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

28/09/2023



Request No. W6609290

Report No. 6609-2008

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66091136
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 11/09/2023
Sampling By : ETC Sampling Time : 9:20 AM
Sampling Method : Grab Received Date : 12/09/2023
Tested Date : 12/09/2023 – 22/09/2023 Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

28/09/2023

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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel: 033-136-574 to 6 ext. 320, E-mail: lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nawarat Jittiruangkit (7-341-จ-0002)
Sampling Method : GRAB
Sampling Name : ระบบบำบัดน้ำเสียนิคมปันทอง โครงการ 4 (Holding Pond)
Sampling Date : 11/09/23
Sampling Time : 09.48 AM
Sample No. : WW 1190/66
Report No. : 660001-R1056
Report Date : 26/09/23
Received Date : 11/09/23
Analytical Date : 11/09/23-26/09/23

Item / Parameter	Unit	Analytical Method [®]	Result	Criteria
Biochemical Oxygen Demand	mg/L	SM 4500-O G and 5210 B	10	≤20
Chemical Oxygen Demand	mg/L	SM 5220 D	85	≤120
Color (Original)	ADMI	SM 2120 F	<20	≤300
Color (pH 7.00)	ADMI	SM 2120 F	<20	≤300
Oil & Grease	mg/L	SM 5520 B	<3	≤5
pH	-	SM 4500-H ⁺ B	8.8	5.5-9.0
Temperature	°C	SM 2550 B	32.2	≤40
Total Dissolved Solids (TDS)	mg/L	SM 2540 C	84.0	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	SM 4500-N _{org} B and 4500-NH ₃ C	<10	≤100
Total Suspended Solids (TSS)	mg/L	SM 2540 D	33.1	≤50
Sulfide	mg/l as H ₂ S	SM 4500-S ²⁻ F	<0.5	≤1

Physical Appearance Sample: Yellow, Turbid

Remark :

Approved by:

(Miss Panida Ruamlarp)

7-341-จ-0002

21/09/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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บริษัท ปันทอง ยูทิลิตี้ส์ แอนด์ รีนิวเอเบิล เอ็นเนอร์ยี จำกัด

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Sracha, Chonburi, Thailand 20230

Tel: 033-136-574 to 6 ext. 320, E-mail: lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nawarat Jittiruangkit
Sampling Method : GRAB
Sampling Name : ระบบบำบัดน้ำเสียนิคมปันทอง โครงการ 4 (Holding Pond)
Sampling Date : 11/09/23
Sampling Time : 09.48 AM
Sample No. : WW 1190/66

Report No. : 660001-R1056
Report Date : 26/09/23
Received Date : 11/09/23
Analytical Date : 11/09/23-26/09/23

Item / Parameter	Unit	Analytical Method [®]	Result	Criteria
Free Chlorine	mg/l as Cl ₂	Portable Photometer	0.31	-

Physical Appearance Sample: Yellow, Turbid

Remark :

Review by:

Songkran M.
(Mr. Songkran Malaithong)
21/09/23

Approved by:

P. Da.
(Miss Panida Ruamlarp)
21/09/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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Test Report

Request No : W6609290

Report No : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.0	≤20
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	105	≤120

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (๓-๐๐3-๓-๐๐17)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(๓-๐๐3-๓-๐๐๐7)

28/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(๓-๐๐3-๓-๐๐๐5)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	≤1
Free Chlorine *	mg/L as Cl ₂	Iodometric Method (SM:4500 -Cl B)	< 0.5	≤1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



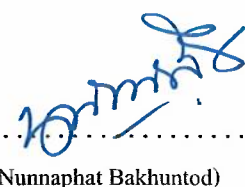
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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023



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Test Report

Request No : W6609290

Report No : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤ 5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023

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Test Report

Request No : W6609290

Report No : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease [@]	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids [#]	mg/L	Dried at 180 degree celsius (SM:2540C)	80	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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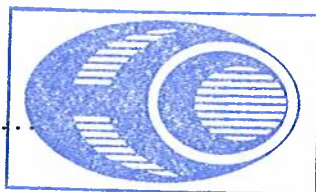
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

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Test Report

Request No. : W6609290

Report No. : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/L	Dried at 103-105 degree celsius (SM:2540D)	27	≤50
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

28/09/2023



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Test Report

Request No : W6609290

Report No : 6609-2009

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66091137

Sample Name : Holding Pond**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 22/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.9	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	-
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<1.00	-

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad*



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Examined By :

(Miss Nunnaphat Bakhuntod)

28/09/2023

Request No. W6609290

Report No. 6609-2009

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66091137
Sample Name : Holding Pond Sampling Date : 11/09/2023
Sampling By : ETC Sampling Time : 9:50 AM
Sampling Method : Grab Received Date : 12/09/2023
Tested Date : 12/09/2023 – 22/09/2023 Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-0017)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

28/09/2023



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Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

28/09/2023

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COPY

**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran (7-341-7-0005)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณบ่อดูน้ำ
Sampling Date : 16/10/66 **Report No.** : 660001-R1213
Sampling Time : 08.45 AM **Report Date** : 24/10/23
Sample No. : WW 1361/66 **Received Date** : 16/10/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 16/10/23-24/10/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	<5	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	<40	≤750
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	122	≤600
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	83	≤600
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤10
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.3	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.3	≤45
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	72.2	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	54.7	≤200
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	<0.5	≤1

Physical Appearance : Yellow turbid, Medium SS**Remark** : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :



PINTHONG UTILITIES AND RENEWABLE ENERGY CO. LTD.

(Miss Panida Ruamlarp)

7-341-R-0002

24/10/23

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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณบ่อบำบัดน้ำ
Sampling Date : 16/10/66 Report No. : 660001-R1213
Sampling Time : 08.45 AM Report Date : 24/10/23
Sample No. : WW 1361/66 Received Date : 16/10/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 16/10/23-24/10/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.02	≤1

Physical Appearance : Yellow turbid, Medium SS

Remark : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).

Review by :



(Mr. Songkran Malaithong)

24/10/23

Approved by :



(Miss Panida Ruamlarp)

24/10/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6610374

Report No : 6610-2139

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66101366

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0123	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	≤1

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

31/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

31/10/2023

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Test Report

Request No : W6610374

Report No : 6610-2139

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66101366

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
pH (on site) *		Electrometric Method	6.6	5.5 - 9.0

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

31/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

31/10/2023

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Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Temperature *	°C	Laboratory and Field Method	30	≤ 45
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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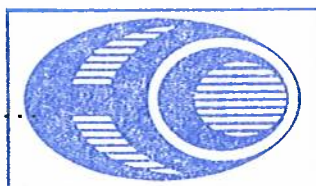
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Report No : 6610-2139

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66101366

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	3.4	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.62	≤10
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Examined By :

(Miss Nunnaphat Bakhuntod)

31/10/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66101366
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 16/10/2023
Sampling By : ETC Sampling Time : 8:40 AM
Sampling Method : Grab Received Date : 17/10/2023
Tested Date : 17/10/2023 – 28/10/2023 Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

4. Sampling By Mr. Supharnk Phaklang (ว-003-ก-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

31/10/2023



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Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

31/10/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 2-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran (2-341-2-0005)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 16/10/66 Report No. : 660001-R1214
Sampling Time : 08.55 AM Report Date : 24/10/23
Sample No. : WW 1362/66 Received Date : 16/10/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 16/10/23-24/10/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	6	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	<40	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	26	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	8.9	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.3	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	48.0	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	24.5	≤50
Sulfide	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	<0.5	≤1

Physical Appearance : Yellowish, Lightly SS

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)



2-341-2-0002

24/10/23

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 16/10/66 Report No. : 660001-R1214
Sampling Time : 08.55 AM Report Date : 24/10/23
Sample No. : WW 1362/66 Received Date : 16/10/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 16/10/23-24/10/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance : Yellowish, Lightly SS

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

(Mr. Songkran Malaithong)

24/10/23

Approved by :

(Miss Panida Ruamlarp)

24/10/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6610374

Report No : 6610-2140

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66101367

Sample Name : Holding Pond**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0057	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1

Physical Apperance : 1. Sample : white, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

31/10/2023



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Received Date : 17/10/2023

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Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
pH (on site) *		Electrometric Method	7.0	5.5-9.0

Physical Appearance : 1. Sample : white, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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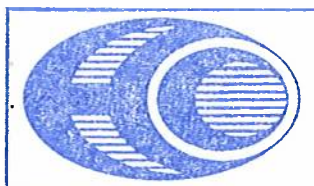
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Sample No : W 66101367

Sample Name : Holding Pond**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.082	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Temperature *	°C	Laboratory and Field Method	31	≤40
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Appearance : 1. Sample : white, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66101367

Sample Name : Holding Pond**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 28/10/2023

Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	5.8	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	-
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	-
Sodium Adsorption Ratio (SAR)	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<1.00	-

Physical Apperance : 1. Sample : white, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By :

(Miss Nunnaphat Bakhuntod)

31/10/2023

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66101367
Sample Name : Holding Pond Sampling Date : 16/10/2023
Sampling By : ETC Sampling Time : 8:50 AM
Sampling Method : Grab Received Date : 17/10/2023
Tested Date : 17/10/2023 – 28/10/2023 Reported Date : 31/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : white, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

31/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

31/10/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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COPY

**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran (7-341-7-0005)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณบ่อสูบน้ำ
Sampling Date : 14/11/66 Report No. : 660001-R1373
Sampling Time : 11.10 AM Report Date : 27/11/23
Sample No. : WW 1535/66 Received Date : 14/11/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 14/11/23-24/11/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	6	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	44	≤750
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	43	≤600
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	44	≤600
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤10
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.6	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.2	≤45
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	182	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	38.9	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	27.5	≤200
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	0.6	≤1

Physical Appearance : Yellow turbid, Lightly SS

Remark : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

7-341-7-0002

27/11/23



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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Sracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณปล่อยน้ำ
Sampling Date : 14/11/66 Report No. : 660001-R1373
Sampling Time : 11.10 AM Report Date : 27/11/23
Sample No. : WW 1535/66 Received Date : 14/11/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 14/11/23-24/11/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.02	≤1

Physical Appearance : Yellow turbid, Lightly SS

Remark : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).

Review by :



(Mr. Songkran Malaithong)

27/11/23

Approved by :



(Miss Panida Ruamlarp)

27/11/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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Test Report

Request No : W6611391

Report No : 6611-2155

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111353

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0052	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISIL, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*

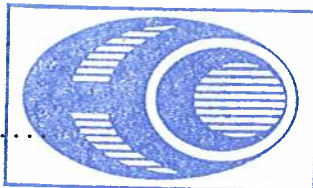
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/11/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Pinthong Industrial Park Public Company Limited**

Request No : W6611391

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Report No : 6611-2155

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111353

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	≤5
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/11/2023



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(จ-003-ก-0005)

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Test Report

Request No : W6611391

Report No : 6611-2155

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111353

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.027	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤5

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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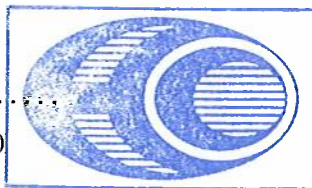
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/11/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/11/2023

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Test Report

Request No : W6611391

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6611- 2155

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111353

Sample Name : บริเวณบ่อบำบัดน้ำ**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	3.1	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.48	≤10
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	≤1

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *



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Examined By :

(Miss Nunnaphat Bakhuntod)
28/11/2023

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Request No. W6611391

Report No. 6611-2155

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66111353
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 14/11/2023
Sampling By : ETC Sampling Time : 11:10 AM
Sampling Method : Grab Received Date : 15/11/2023
Tested Date : 15/11/2023 – 27/11/2023 Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]

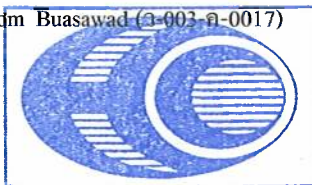
Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-0017)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

28/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

28/11/2023

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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 2-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran (2-341-2-0005)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 14/11/66 Report No. : 660001-R1374
Sampling Time : 11.20 AM Report Date : 27/11/23
Sample No. : WW 1536/66 Received Date : 14/11/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 14/11/23-24/11/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	13	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	49	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	9.1	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.6	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	72.0	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	21.2	≤50
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	0.5	≤1

Physical Appearance : Yellowish, Lightly SS

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

2-341-P-0002

27/11/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Mr. Sittichok Samran
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 16/10/66 Report No. : 660001-R1214
Sampling Time : 11.20 AM Report Date : 27/11/23
Sample No. : WW 1536/66 Received Date : 14/11/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 14/11/23-24/11/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance : Yellowish, Lightly SS

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

Songkran M.

(Mr. Songkran Malaithong)

27/11/23

Approved by :

P. Ruamlarp

(Miss Panida Ruamlarp)

27/11/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6611391

Report No : 6611-2156

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111354

Sample Name : Holding Pond**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0059	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.03	≤1
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.03	≤0.03
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	<0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	<0.50	≤1

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ท-0017)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

28/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

28/11/2023

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Test Report

Request No : W6611391

Report No : 6611-2156

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111354

Sample Name : Holding Pond**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5
Mercury #	mg/L	Cold - Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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Examined By : 

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

28/11/2023



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Approved By : 

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

28/11/2023

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Test Report

Request No : W6611391

Report No : 6611-2156

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111354

Sample Name : Holding Pond**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.026	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

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(จ-003-ก-0005)

28/11/2023

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Test Report

Request No : W6611391

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6611-2156

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66111354

Sample Name : Holding Pond**

Sampling Date : 14/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 15/11/2023

Tested Date : 15/11/2023 - 27/11/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	8.0	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 1.00	-

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *



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Examined By : 

(Miss Nunnaphat Bakhuntod)

28/11/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66111354
Sample Name : Holding Pond Sampling Date : 14/11/2023
Sampling By : ETC Sampling Time : 11:20 AM
Sampling Method : Grab Received Date : 15/11/2023
Tested Date : 15/11/2023 – 27/11/2023 Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

4. Sampling By Mr. Parkpoom Buasawad (1-003-ก-0017)

Examined By

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

28/11/2023



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Approved By

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

28/11/2023

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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 2-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nerucha Mala (2-341-0-0004)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณบ่อบำบัดน้ำ
Sampling Date : 11/12/66 Report No. : 660001-R1691
Sampling Time : 08.40 AM Report Date : 18/12/23
Sample No. : WW 1881/66 Received Date : 11/12/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 11/12/23-18/12/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	5	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	<40	≤750
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	157	≤600
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	123	≤600
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤10
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.4	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.2	≤45
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	116	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	72.0	≤200
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	<0.5	≤1

Physical Appearance : Yellow turbid, Medium SS

Remark : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamrarp)

2-341-0-0002

18/12/23



REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nerucha Mala
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), บริเวณบ่อบำบัดน้ำ
Sampling Date : 11/12/66 Report No. : 660001-R1691
Sampling Time : 08.40 AM Report Date : 18/12/23
Sample No. : WW 1881/66 Received Date : 11/12/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 11/12/23-18/12/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.00	≤1

Physical Appearance : Yellow turbid, Medium SS

Remark : ^{1/} Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017).

Review by :

Songkan M.

(Mr. Songkan Malaithong)

18/12/23

Approved by :

P. Ra.

(Miss Panida Ruamlarp)

18/12/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6612278

Report No : 6612-1426

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120980

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0091	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/12/2023

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Test Report

Request No : W6612278

Report No : 6612-1426

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120980

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5
Mercury #	mg/L	Cold - Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/12/2023



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Page 2 of 3

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/12/2023

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Test Report

Request No : W6612278

Report No : 6612-1426

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120980

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.009	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/12/2023

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Test Report

Request No : W6612278

Report No : 6612- 1426

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120980

Sample Name : บริเวณบ่อสูบน้ำ**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.3	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	3.83	≤10
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. ** = These data are non laboratory data.



Examined By :

(Miss Nunnaphat Bakhuntod)

25/12/2023

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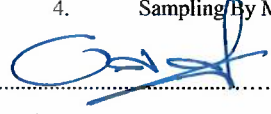
TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited ,
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66120980
Sample Name : บริเวณบ่อสูบน้ำ Sampling Date : 11/12/2023
Sampling By : ETC Sampling Time : 8:55 AM
Sampling Method : Grab Received Date : 12/12/2023
Tested Date : 09/12/2023 – 23/12/2023 Reported Date : 25/12/2023

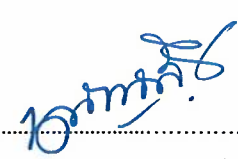
Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

Examined By 
(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
25/12/2023



Approved By 
(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
25/12/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nerucha Mala (7-341-9-0004)
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 11/12/66 **Report No.** : 660001-R1692
Sampling Time : 09.10 AM **Report Date** : 18/12/23
Sample No. : WW 1882/66 **Received Date** : 11/12/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 11/12/23-18/12/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	9	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	69	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	8.7	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.1	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	72.0	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	40.4	≤50
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM 4500-S ²⁻ F)	<0.5	≤1

Physical Appearance : Yellowish, Lightly SS**Remark** : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamrarp)

7-341-9-0002

18/12/23



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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Siracha, Chonburi 20230 Thailand
Sampling By : Miss. Nerucha Mala
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 4), (Holding Pond)
Sampling Date : 11/12/66 Report No. : 660001-R1692
Sampling Time : 09.10 AM Report Date : 18/12/23
Sample No. : WW 1882/66 Received Date : 11/12/23
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 11/12/23-18/12/23

Item / Parameter	Unit	Method	Result	Standard ^{1/}
Free Chlorine	mg/L	Portable Photometer	0.00	≤1

Physical Appearance : Yellowish, Lightly SS

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

(Mr. Songkran Malaithong)

18/12/23

Approved by :

(Miss Panida Ruamlarp)

18/12/23



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REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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Test Report

Request No : W6612278

Report No : 6612-1427

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120981

Sample Name : Holding Pond**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0066	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	≤1

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/12/2023

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Test Report

Request No : W6612278

Report No : 6612-1427

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

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Sample No : W 66120981

Sample Name : Holding Pond**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Request No : W6612278

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Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120981

Sample Name : Holding Pond**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Approved By :

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(๑-003-๓-0005)

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Test Report

Request No : W6612278

Report No : 6612-1427

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66120981

Sample Name : Holding Pond**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 09/12/2023 - 23/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.4	-
Flow Rate *	m ³ /day	Calculation Method	not available	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 1.00	-

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. / I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Examined By : 

(Miss Nunnaphat Bakhuntod)

25/12/2023

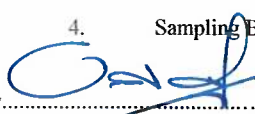
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TEST REPORT


Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66120981
Sample Name : Holding Pond Sampling Date : 11/12/2023
Sampling By : ETC Sampling Time : 9:10 AM
Sampling Method : Grab Received Date : 12/12/2023
Tested Date : 09/12/2023 – 23/12/2023 Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	****

- Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle) , PE 1.0 L, PE 2.0 L, G 1.0 L]
- Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)*

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ก-0007)
25/12/2023



Approved By 
(Miss Nunnaphat Bakhuntod)
(ว-003-ก-0005)
25/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082131
Sample Name : หัวหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0107	≤ 0.01
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.3	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	4,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	11.5	๖

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๖ = เป็นไปตามธรรมชาติ / ๖** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## หัวหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082131
Sample Name : หัวหนองปรือก่อนจุระบายน้ำทิ้งของ โครงการ###** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	6.2	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	1,300	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.62	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.11	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ### หัวหนองปรือก่อนจุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082131
Sample Name : หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	1.17	≤ 5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.011	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /I Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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6. ๕ = เป็นไปตามธรรมชาติ / ๕ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. / ## หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW/I)



Examined By: 

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082131
Sample Name : หัวหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ###** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 -- 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	31	๓ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	170	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	17	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

- Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
- Remark : 1. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF. 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. / ## หัวหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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Request No. W6608580

Report No. 6608-0911

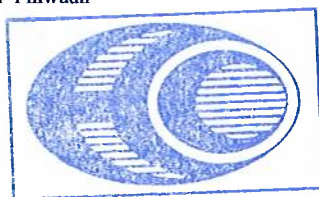
TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082131
Sample Name : ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
Sampling By : ETC Sampling Time : 10:50 AM
Sampling Method : Grab Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. ## ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

16/09/2023

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Request No. W6608580

Report No. 6608-0911

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
 Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
 Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082131
 Sample Name : ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
 Sampling By : ETC Sampling Time : 10:50 AM
 Sampling Method : Grab Received Date : 26/08/2023
 Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.25	≤ 0.5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994), Class 4
 2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
 3. ## ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)
 4. Sampling By Mr. Songpon Phiwan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 
 (Miss Apiradee Chuen-arom)
 16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082132
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 -- 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0106	≤ 0.01
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.8	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	92,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	47.8	สี

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]
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6. สี = เป็นไปตามธรรมชาติ / สี ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....
(Miss Nunnaphat Bakhuntod)

16/09/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082132
Sample Name : หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ*** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	5.2	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	3,300	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.50	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.44	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082132
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	< 0.44	≤ 5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.019	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994). Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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6. ข = เป็นไปตามธรรมชาติ / ** = คุณหมุมิของน้ำจะต้งไม่สูงกว่าคุณหมุมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082132
Sample Name : น้ำผิวน้ำบริเวณจุดระบายน้ำทิ้งของโครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 -- 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	30	๓ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	175	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	7	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	36	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = คุณหมูนึ่งของน้ำจะต้องไม่สูงกว่าคุณหมูนึ่งตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## น้ำผิวน้ำบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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Request No. W6608580

Report No. 6608-0912

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082132
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
Sampling By : ETC Sampling Time : 11:10 AM
Sampling Method : Grab Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

16/09/2023

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Request No. W6608580

Report No. 6608-0912

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082132
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
Sampling By : ETC Sampling Time : 11:10 AM
Sampling Method : Grab Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.30	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
3. ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)**
Sample Name : ห้วยหนองปรือหลังจุระบายน้ำทิ้งของโครงการ###**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 26/08/2023 – 08/09/2023

Sample No. : W 66082133
Sampling Date : 25/08/2023**
Sampling Time : 10:30 AM**
Received Date : 26/08/2023
Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0123	≤ 0.01
Barium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	0.1	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	7,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	44.2	๖

Physical Appearance :
1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๖ = เป็นไปตามธรรมชาติ / ๖** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ### ห้วยหนองปรือหลังจุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By.....
(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082133
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ###** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:30 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 - 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	5.4	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	1,700	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	5.39	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.46	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ร = เป็นไปตามธรรมชาติ / ร ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By.....

(Miss Nunnaphat Bakhuntod)

16/09/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082133
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของ โครงการ##** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:30 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	0.87	≤ 5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.018	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater.
APHA, AWWA, WEF. 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ร = เป็นไปตามธรรมชาติ / ร ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data. ## ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By:

(Miss Nunnaphat Bakhuntod)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66082133
Sample Name : ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ###** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:30 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	31	๓ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	138	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500-Cr B, 3120B)	< 0.03	-
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

- Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L*]
- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhintod is Technical Management.
4. MDL = Method Detect on Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data / ## ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By.....
(Miss Nunnaphat Bakhintod)

16/09/2023

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Request No. W6608580

Report No. 6608-0913

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082133
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
Sampling By : ETC Sampling Time : 10:30 AM
Sampling Method : Grab Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	None

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. ## ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

16/09/2023

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Request No. W6608580

Report No. 6608-0913

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66082133
Sample Name : ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 25/08/2023
Sampling By : ETC Sampling Time : 10:30 AM
Sampling Method : Grab Received Date : 26/08/2023
Tested Date : 26/08/2023 – 08/09/2023 Reported Date : 16/09/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.22	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
3. ## ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

16/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111595
Sample Name : หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ### Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 11:00 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0092	≤ 0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.7	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	35,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	20.3	๖

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๖ = เป็นไปตามธรรมชาติ / ๖ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SV 1)



Examined By.....
(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111595
Sample Name : ห้วยหนองปรือก่อนจุระบายน้ำทิ้งของโครงการ### Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 11:00 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	7.4	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	13,000	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.34	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.46	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้งไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## ห้วยหนองปรือก่อนจุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (แนว 1)



Examined By: 
(Miss Nunnaphat Bakhuntod)

07/12/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111595
Sample Name : ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ### Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 11:00 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	0.66	≤ 5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.025	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ฐ = เป็นไปตามธรรมชาติ / ฐ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW1)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111595
Sample Name : หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ###** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 11:00 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	29	๓ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	135	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	21	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. / ## หัวหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW1)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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Request No. W6611478

Report No. 6612-0075

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111595
Sample Name : ห้วยหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 11:00 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.25	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
3. ## ห้วยหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)
4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

07/12/2023

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Request No. W6611478

Report No. 6612-0075

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111595
Sample Name : ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 11:00 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. ## ห้วยหนองปรือก่อนจุดระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 1)
5. Sampling By Mr. Parkpoom Buasawad



Examined By: 
(Miss Apiradee Chuen-arom)

07/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111596
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ### Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 8:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0105	≤ 0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.4	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	64	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	0.1	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	7,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	20.6	สี

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994). Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. สี = เป็นไปตามธรรมชาติ / สี ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. / ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111596
Sample Name : หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ###** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 8:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.002	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	6.4	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	1,300	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	5.67	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994). Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ฐ = เป็นไปตามธรรมชาติ / ฐ ** = คุณหมุมิของน้ำจะต้องไม่สูงกว่าคุณหมุมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. / ### หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)

Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111596
Sample Name : หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ##** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 8:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	< 0.44	≤ 5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	6.9	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.020	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994). Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data, ## หัวหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111596
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ*** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 8:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 -- 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	25	๓ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	177	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	28	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

- Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]
- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994). Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓ ** = คุณหมุนของน้ำจะต้องไม่สูงกว่าคุณหมุนตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. (ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2))



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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Request No. W6611478

Report No. 6612-0076

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111596
Sample Name : ห้วยหนองปรือบริเวณจุลระบายน้ำทิ้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 8:30 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.20	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
3. ## ห้วยหนองปรือบริเวณจุลระบายน้ำทิ้งของโครงการ (SW 2)
4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

07/12/2023

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Request No. W6611478

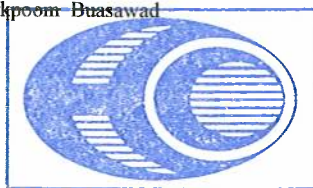
Report No. 6612-0076

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111596
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 8:30 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. ## ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (SW 2)
5. Sampling By Mr. Parkpoom Duasawad



Examined By.....

(Miss Apiradee Chuen-arom)

07/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111597
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ##** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 10:40 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0086	≤ 0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.6	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	64	-
Chlorine (Residual) *	mg/L as Cl ₂	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	7,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	15.6	๖

Physical Apperance :
1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๖ = เป็นไปตามธรรมชาติ / ๖** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW3)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111597
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ### Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 10:40 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.002	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	7.5	≥ 2
Fecal Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221E)	790	-
Formaldehyde *	mg/L	Distillation, Colorimetric Method	<0.50	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.00	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.75	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ร = เป็นไปตามธรรมชาติ / ร ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By: 

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111597
Sample Name : หัวหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ###** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 10:40 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -E)	2.10	≤ 5
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.0	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 0.005
Selenium *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8, B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ = เป็นไปตามธรรมชาติ / ๓** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. ## หัวหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 4)** Sample No. : W 66111597
Sample Name : ห้วยหนองปรือหลังจระเขยน้ำทิ้งของโครงการ###** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 10:40 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method, (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method	27	ท **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	137	-
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	26	-
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method: Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

- Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L*]
- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ท = เป็นไปตามธรรมชาติ / ท ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data. / ## ห้วยหนองปรือหลังจระเขยน้ำทิ้งของโครงการ ประมาณ 500 เมตร (S.V.3)



Examined By.....

(Miss Nunnaphat Bakhuntod)

07/12/2023

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Request No. W6611478

Report No. 6612-0077

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111597
Sample Name : ห้วยหนองปรือหลังจตุระบายน้ำทั้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 10:40 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.20	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L (7 Bottle) , PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
3. ## ห้วยหนองปรือหลังจตุระบายน้ำทั้งของโครงการ ประมาณ 500 เมตร (SW 3)
4. Sampling By Mr. Parkpoom Buasawad



Examined By

(Miss Apiradee Chuen-arom)

07/12/2023

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Request No. W6611478

Report No. 6612-0077

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Surface Water (Pinthong Project 4) Sample No. : W 66111597
Sample Name : ห้วยหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ## Sampling Date : 17/11/2023
Sampling By : ETC Sampling Time : 10:40 AM
Sampling Method : Grab Received Date : 18/11/2023
Tested Date : 18/11/2023 – 07/12/2023 Reported Date : 07/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides group				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	Not Detected	None

- Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L (6 Bottle), PE 1.0 L (2 Bottle) , PE 1.8 L, G 1.0 L, G 0.25 L]
- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. ## ห้วยหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (SW 3)
5. Sampling By Mr. Parkpoom Buasawad



Examined By.....

(Miss Apiradee Chuen-arom)

07/12/2023

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Test Report

Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0073	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /I Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.37	≤0.5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) *		Electrometric Method	5.7	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /I Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.46	≤ 5

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609 - 0904

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharerk Platklang

5. MDL = Method Detection Limi [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



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Examined By :

(Miss Apiradee Chuen-arom)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	< 5.0	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	17,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	15.3	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	7.8	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	1.54	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	42.8	-
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	6.00	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500-NO ₃ -E)	5.16	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ -E)	18.1	-
Temperature *	°C	Laboratory and Field Method	30	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	89,000	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	150	-

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609-0904

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081977

Sample Name : พื้นที่โครงการด้านทิศเหนือ (GW1)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	345	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609-0905

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0145	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.28	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609-0905

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤0.5
Mercury [*]	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) [*]		Electrometric Method	6.0	-
Selenium [*]	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0905

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.49	≤5

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Test Report

Request No : W6608535

Report No : 6609-0905

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /I Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharerk Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

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23/09/2023

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Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium [@]	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.89	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	< 5.0	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	460	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	16.1	-
Copper [@]	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	4.5	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. ** = These data are non laboratory data.



Examined By :

(Miss Nunnaphat Bakhuntod)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609- 0905

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	28.6	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.12	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	0.63	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ - E)	11.9	-
Temperature *	°C	Laboratory and Field Method	31	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	5,500	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	183	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0905

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081978

Sample Name : พื้นที่โครงการด้านทิศตะวันออก (GW2)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	221	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By : ...

(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Customer : Pinthong Industrial Park Public Company Limited**

Request No : W6608535

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Report No : 6609- 0906

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0246	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.66	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat .Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

COPY

Test Report

Request No : W6608535

Report No : 6609- 0906

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤0.5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) *		Electrometric Method	6.0	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

- @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
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(จ-003-ก-0007)

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Test Report

Request No : W6608535

Report No : 6609-0906

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	≤ 5

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Examined By :

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23/09/2023



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Test Report

Request No : W6608535

Report No : 6609-0906

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharerk Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



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Examined By : 

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23/09/2023

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Request No : W6608535

Report No : 6609 - 0906

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Chloride [*]	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	11.9	-
Coliform Bacteria [*]	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
Color [*]	Pt.Co	Spectrophotometric Method (SM:2120C)	12.1	-
Copper [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli [*]	MPN:100 mL	MPN Test Method (SM:9221F)	4.5	-
Fluoride [*]	mg/L	Ion-Selective Electrode Method (SM:4500-F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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23/09/2023

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Test Report

Request No : W6608535

Report No : 6609 - 0906

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	63.2	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500-NO ₃ -E)	7.26	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ -E)	< 5.00	-
Temperature *	°C	Laboratory and Field Method	29	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	26,000	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	160	-

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609 - 0906

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081979

Sample Name : พื้นที่โครงการด้านทิศตะวันตก (GW3)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	46.1	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Examined By :

(Miss Nunnaphat Bakhuntod)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0907

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081980

Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.48	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-ก-0007)

23/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

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(๖-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0907

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081980

Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.43	≤0.5
Mercury [*]	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) [*]		Electrometric Method	6.8	-
Selenium [*]	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0907

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081980

Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.52	≤ 5

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharek Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/09/2023

Test Report

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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081980

Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	92.5	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.41	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	ND	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	0.79	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected



Examined By :

(Miss Nunnaphat Bakhuntod)

23/09/2023

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Report No : 6609- 0907

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**
Sampling Source : Pinthong Industrial Park (Project 4)**
Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 24/08/2023 - 04/09/2023
Sample No : W 66081980
Sampling Date : 23/08/2023**
Sampling Time : 9:30 AM**
Received Date : 24/08/2023
Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	198	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	3.60	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ - E)	14.3	-
Temperature *	°C	Laboratory and Field Method	30	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	130,000	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	440	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. / I Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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- LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected



Examined By :
(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Request No : W6608535

Report No : 6609- 0907

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081980

Sample Name : พื้นที่โครงการด้านทิศใต้ (GW4)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	61.5	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected



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Examined By :

(Miss Nunnaphat Bakhuntod)

23/09/2023

COPY

Test Report

Request No : W6608535

Report No : 6609-0908

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081981

Sample Name : พื้นที่นิคมปิ่นทองโครงการ 3 (GW5)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0551	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0908

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081981

Sample Name : พื้นที่นิคมปิ่นทองโครงการ 3 (GW5)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.15	≤0.5
Mercury [*]	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) [*]		Electrometric Method	6.4	-
Selenium [*]	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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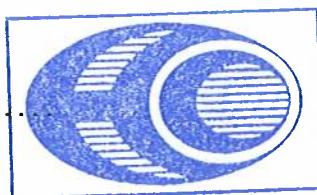
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Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081981

Sample Name : พื้นที่ถมบ่อบึงหนองโครงการ 3 (GW5)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.43	≤5

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081981

Sample Name : พื้นที่ถมบ่อกองโครงการ 3 (GW5)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Apperance : 1. Sample : yeilowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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4. Sampling By Mr. Supharerk Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**
Sampling Source : Pinthong Industrial Park (Project 4)**
Sample Name : พื้นที่นิคมปิ่นทองโครงการ 3 (GW5)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 24/08/2023 - 04/09/2023
Sample No : W 66081981
Sampling Date : 23/08/2023**
Sampling Time : 11:00 AM**
Received Date : 24/08/2023
Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium [@]	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	18.1	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	3,300	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	1.91	-
Copper [@]	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	ND	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	3.49	-

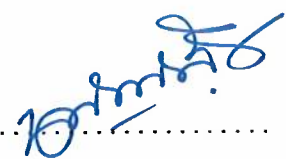
Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

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Examined By : 
(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

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Sample No : W 66081981

Sample Name : พื้นที่นิคมปิ่นทองโครงการ 3 (GW5)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	167	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	< 0.44	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ - E)	47.0	-
Temperature *	°C	Laboratory and Field Method	32	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	1,900	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	498	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

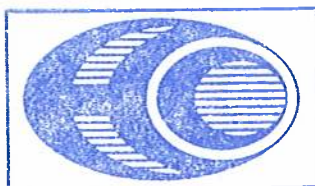
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4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected



Examined By :

(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0908

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081981

Sample Name : พื้นที่นิคมปิ่นทองโครงการ 3 (GW5)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	65.6	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

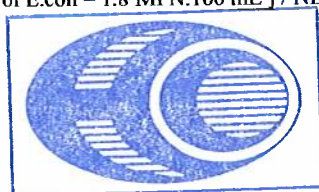
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SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *

6. LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected



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Examined By : 

(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0909

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081982

Sample Name : ขุมดินห้วยสะพาน (GW6)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0052	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.41	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

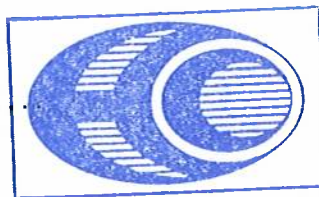
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0909

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081982

Sample Name : ขุมขนห้วยสะพาน (GW6)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤0.5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
pH (on site) *		Electrometric Method	6.6	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Silver [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Page 2 of 3

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**
Sampling Source : Pinthong Industrial Park (Project 4)**
Sample Name : ขุมดินท้ายสระพาน (GW6)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 24/08/2023 - 04/09/2023

Request No : W6608535
Report No : 6609-0909
Sample No : W 66081982
Sampling Date : 23/08/2023**
Sampling Time : 8:20 AM**
Received Date : 24/08/2023
Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.60	≤5

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)
2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



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Test Report

Request No : W6608535

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-0909

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081982

Sample Name : ชุมชนห้วยสะพาน (GW6)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 8:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Appearance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharerk Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



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23/09/2023

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Test Report

Request No : W6608535

Report No : 6609- 0909

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081982

Sample Name : ขุมชนห้วยสะพาน (GW6)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.72	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	38.2	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	24,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	59.8	-
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	330	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

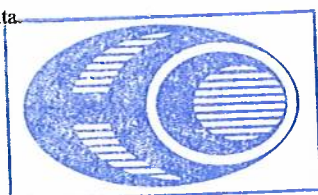
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Test Report

Request No : W6608535

Report No : 6609- 0909

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081982

Sample Name : ขุมชนห้วยสะพาน (GW6)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	108	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.52	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO3- E)	< 0.44	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	< 5.0	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO42- E)	43.0	-
Temperature *	°C	Laboratory and Field Method	29	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	190,000	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	278	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By :

(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0909

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081982

Sample Name : ชุมชนห้วยสะพาน (GW6)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	148	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By : ...

(Miss Nunnaphat Bakhuntod)
23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรือนบ้านวังค้อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.01
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	-
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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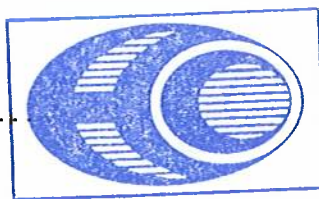
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรียนบ้านวังค้อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.001
pH (on site) *		Electrometric Method	6.8	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.01
Silver [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรียนบ้านวังก่อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤5

Physical Appearance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Examined By :

(Miss Apiradee Chuen-arom)

(๓-003-ก-0007)

23/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(๓-003-ก-0005)

23/09/2023

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Test Report

Request No : W6608535

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609 - 0910

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081983

Sample Name : โรงเรียนบ้านวังสอ (GW7)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 8:40 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	ND	≤0.02

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /I Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Mr. Supharerk Phatklang

5. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L] / ND = Not Detected



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Examined By : 

(Miss Apiradee Chuen-arom)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609-0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรียนบ้านวังค้อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium [®]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	31.7	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	1,700	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	1.70	-
Copper [®]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	22	-
Fluoride *	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Examined By : 

(Miss Nunnaphat Bakhuntod)

23/09/2023

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Test Report

Request No : W6608535

Report No : 6609- 0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรียนบ้านวังค้อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (SM:2540C)	89.8	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	22.9	-
Non-Carbonate Hardness *	mg/L as CaCO ₃	Calculation	32.5	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ - E)	68.4	-
Temperature *	°C	Laboratory and Field Method	29	-
Total Bacteria *	colonies/cm ³	Pour Plate Count Method (SM:9215B)	67,000	-
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	250	-

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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Test Report

Request No : W6608535

Report No : 6609-0910

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park (Project 4)**

Sample No : W 66081983

Sample Name : โรงเรือนบ้านวังค้อ (GW7)**

Sampling Date : 23/08/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 24/08/2023

Tested Date : 24/08/2023 - 04/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	6.12	-

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By : 

(Miss Nunnaphat Bakhuntod)

23/09/2023

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Request No. W6608345

Report No. 6608-1888

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkham-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081198
Sample Name : ห้วยหนองปรือก่อนอุทยานน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 9:20 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
<i>Oscillatoria</i> sp.	cell/L.	Counting Chamber	294
Division Chlorophyta			
<i>Actinastrum</i> sp.	cell/L.	Counting Chamber	27
<i>Closterium</i> sp.	cell/L.	Counting Chamber	18
<i>Eudorina</i> sp.	cell/L.	Counting Chamber	9
<i>Euglena</i> sp.	cell/L.	Counting Chamber	53
<i>Lepocinclis</i> sp.	cell/L.	Counting Chamber	53
<i>Pandorina</i> sp.	cell/L.	Counting Chamber	62
<i>Pediastrum</i> sp.	cell/L.	Counting Chamber	18
<i>Phacus</i> sp.	cell/L.	Counting Chamber	62
<i>Spirogyra</i> sp.	cell/L.	Counting Chamber	116
<i>Staurastrum</i> sp.	cell/L.	Counting Chamber	9
<i>Strombomonas</i> sp.	cell/L.	Counting Chamber	18
<i>Tetradon</i> sp.	cell/L.	Counting Chamber	18
<i>Trachelomonas</i> sp.	cell/L.	Counting Chamber	151
Division Chromophyta			
<i>Biddulphia</i> sp.	cell/L.	Counting Chamber	9
<i>Cyclotella</i> sp.	cell/L.	Counting Chamber	9
<i>Fragilaria</i> sp.	cell/L.	Counting Chamber	18
<i>Gomphonema</i> sp.	cell/L.	Counting Chamber	36
<i>Nitzschia</i> sp.	cell/L.	Counting Chamber	27
<i>Peridinium</i> sp.	cell/L.	Counting Chamber	71
<i>Pinnularia</i> sp.	cell/L.	Counting Chamber	27
<i>Synedra</i> sp.	cell/L.	Counting Chamber	116
Total Genus	cell/L.		22
Total Phytoplankton	cell/L.		1,221
Diversity Index	cell/L.		2.60

Physical Appearance : 1. Sample : -
2. Container : Normal [PE 0.5 L (2 Bottle)]

Remark : 1. ** ห้วยหนองปรือก่อนอุทยานน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 1)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



Examined By
(Miss Apiradee Chuen-arom)

25 / 08 / 2023

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
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Request No. W6608345

Report No. 6608-1888

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081198
Sample Name : ห้วยหนองปรือก่อนจุลระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 9:20 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
-------------	------	--------	--------

Zooplankton

Phylum Protozoa

<i>Arcella</i> sp.	ind./L	Counting Chamber	36
<i>Centropyxis</i> sp.	ind./L	Counting Chamber	9
<i>Didinium</i> sp.	ind./L	Counting Chamber	18
<i>Diffugia</i> sp.	ind./L	Counting Chamber	9
<i>Euglypha</i> sp.	ind./L	Counting Chamber	303

Phylum Rotifera

<i>Anuraeopsis</i> sp.	ind./L	Counting Chamber	223
<i>Asplanchna</i> sp.	ind./L	Counting Chamber	18
<i>Cohurella</i> sp.	ind./L	Counting Chamber	9
<i>Lepadella</i> sp.	ind./L	Counting Chamber	18
<i>Polyarthra</i> sp.	ind./L	Counting Chamber	45
<i>Testudinella</i> sp.	ind./L	Counting Chamber	9

Total Genus	ind./L	12
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Total Zooplankton	ind./L	804
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Diversity Index	ind./L	1.75
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Physical Apperance : 1. Sample : -
2. Container : Normal [PE 0.5 L (2 Bottle)]

Remark : 1. ** ห้วยหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 1)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



Examined By

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1888

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
 Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
 Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081198
 Sample Name : ห้วยหนองปรือก่อนจุลระบายน้ำทิ้ง** Sampling Date : 14/08/2023
 Sampling By : Si Racha Fisheries Research Station Sampling Time : 9:20 AM
 Sampling Method : Grab Received Date : 15/08/2023
 Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Benthos			
Phylum Arthropoda			
<i>Chironomus</i> sp.	ind./m ²	Counting Chamber	608

Total Genus	ind./m ²	1
Total Benthos	ind./m ²	608
Diversity Index	ind./m ²	0.00

Physical Apperance : 1. Sample : sand mixed grit
 2. Container : 1 bag

Remark : 1. ** ห้วยหนองปรือก่อนจุลระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 1)
 2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1888

TEST REPORT

Customer	:	Pinthong Industrial Park Public Company Limited			
Address	:	789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230			
Sampling Source	:	Pinthong Industrial Park (Project 4)	Sample No.	:	W 66081198
Sample Name	:	ห้วยหนองปรือก่อนจุกระบายน้ำทิ้ง**	Sampling Date	:	14/08/2023
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:20 AM
Sampling Method	:	Grab	Received Date	:	15/08/2023
Tested Date	:	15/08/2023 – 21/08/2023	Reported Date	:	25/08/2023
Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Cyprinidae	<i>Puntius brevis</i>	ปลาตะเพียนทราย	3	ตัว

Total Genus	1
Total Aquatic animal	3
Diversity Index	0.00

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ** ห้วยหนองปรือก่อนจุกระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 1)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1889

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081199
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:40 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
<i>Lyngbya</i> sp.	cell/L	Counting Chamber	8
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	31
<i>Spirulina</i> sp.	cell/L	Counting Chamber	31
Division Chlorophyta			
<i>Euglena</i> sp.	cell/L	Counting Chamber	245
<i>Lepocinclis</i> sp.	cell/L	Counting Chamber	2,754
<i>Phacus</i> sp.	cell/L	Counting Chamber	4,437
<i>Strombomonas</i> sp.	cell/L	Counting Chamber	8
<i>Trachelomonas</i> sp.	cell/L	Counting Chamber	918
Division Chromophyta			
<i>Biddulphia</i> sp.	cell/L	Counting Chamber	8
<i>Peridinium</i> sp.	cell/L	Counting Chamber	8
<i>Synedra</i> sp.	cell/L	Counting Chamber	8

Total Genus	cell/L	11
Total Phytoplankton	cell/L	8,456
Diversity Index	cell/L	1.12

Physical Apperance : 1. Sample : -
2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ** ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio 2)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1889

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081199
Sample Name : ห้วยหนองปรือบริเวณจุลระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:40 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
-------------	------	--------	--------

Zooplankton

Phylum Protozoa

<i>Arcella</i> sp.	ind./L	Counting Chamber	77
<i>Centropyxis</i> sp.	ind./L	Counting Chamber	8
<i>Coleps</i> sp.	ind./L	Counting Chamber	46
<i>Euglypha</i> sp.	ind./L	Counting Chamber	15
<i>Prorodon</i> sp.	ind./L	Counting Chamber	15

Phylum Rotifera

<i>Anuraeopsis</i> sp.	ind./L	Counting Chamber	15
<i>Brachionus</i> sp.	ind./L	Counting Chamber	8
<i>Cephalodella</i> sp.	ind./L	Counting Chamber	15
<i>Lepadella</i> sp.	ind./L	Counting Chamber	8

Total Genus	ind./L	10
Total Zooplankton	ind./L	268
Diversity Index	ind./L	1.96

Physical Appearance : 1. Sample : -
2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ** ห้วยหนองปรือบริเวณจุลระบายน้ำทิ้งของโครงการ (Bio 2)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By



(Miss Apiradee Chuen-arom)

25 / 08 / 2023

COPY

Request No. W6608345

Report No. 6608-1889

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081199
Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:40 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
<i>Branchiura</i> sp.	ind./m ²	Counting Chamber	45
Phylum Arthropoda			
<i>Chironomus</i> sp.	ind./m ²	Counting Chamber	15
Phylum Mollusca			
<i>Filopaludina</i> sp.	ind./m ²	Counting Chamber	45
<i>Pomacea</i> sp.	ind./m ²	Counting Chamber	15
<i>Trochotaia</i> sp.	ind./m ²	Counting Chamber	208
Total Genus	ind./m ²		5
Total Benthos	ind./m ²		328
Diversity Index	ind./m ²		1.12

Physical Apperance : 1. Sample : sand mixed grit

2. Container : 1 bag

Remark : 1. ** ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio 2)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1889

TEST REPORT

Customer	:	Pinthong Industrial Park Public Company Limited			
Address	:	789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230			
Sampling Source	:	Pinthong Industrial Park (Project 4)	Sample No.	:	W 66081199
Sample Name	:	ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้ง**	Sampling Date	:	14/08/2023
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:40 AM
Sampling Method	:	Grab	Received Date	:	15/08/2023
Tested Date	:	15/08/2023 – 21/08/2023	Reported Date	:	25/08/2023
Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	Trichopodus trichopterus	ปลากระดี่หน้อ	2	ตัว

Total Genus

1

Total Aquatic animal

2

Diversity Index

0.00

Physical Apperance :

1. Sample : -

2. Container : 1 bag

Remark :

1. ** ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio 2)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1890

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081200
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:20 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	1,392,000
<i>Raphidiopsis</i> sp.	cell/L	Counting Chamber	40
Division Chlorophyta			
<i>Closterium</i> sp.	cell/L	Counting Chamber	8
<i>Coelastrum</i> sp.	cell/L	Counting Chamber	720
<i>Euglena</i> sp.	cell/L	Counting Chamber	8
<i>Lepocinclis</i> sp.	cell/L	Counting Chamber	16
<i>Phacus</i> sp.	cell/L	Counting Chamber	16
Division Chromophyta			
<i>Peridinium</i> sp.	cell/L	Counting Chamber	32

Total Genus	cell/L	8
Total Phytoplankton	cell/L	1,392,840
Diversity Index	cell/L	0.01

Physical Apperance : 1. Sample : -
2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ** ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 3)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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(Miss Apiradee Chuen-arom)

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Request No. W6608345

Report No. 6608-1890

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081200
Sample Name : ห้วยหนองปรือหลังจตุระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:20 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
<i>Arcella</i> sp.	ind./L	Counting Chamber	64
<i>Centropyxis</i> sp.	ind./L	Counting Chamber	8
<i>Colpoda</i> sp.	ind./L	Counting Chamber	16
<i>Didinium</i> sp.	ind./L	Counting Chamber	32
<i>Vorticella</i> sp.	ind./L	Counting Chamber	8
Phylum Rotifera			
<i>Lepadella</i> sp.	ind./L	Counting Chamber	8
<i>Polyarthra</i> sp.	ind./L	Counting Chamber	8

Total Genus	ind./L	7
Total Zooplankton	ind./L	144
Diversity Index	ind./L	1.58

Physical Apperance : 1. Sample : -
2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ** ห้วยหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 3)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Request No. W6608345

Report No. 6608-1890

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081200
Sample Name : ห้วยหนองปรือหลังจตุรระบายน้ำทิ้ง** Sampling Date : 14/08/2023
Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:20 AM
Sampling Method : Grab Received Date : 15/08/2023
Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Unit	Method	Result
Benthos			
Phylum Arthropoda			
<i>Chironomus</i> sp.	ind./m ²	Counting Chamber	578
<i>Ephemera</i> sp.	ind./m ²	Counting Chamber	15

Total Genus	ind./m ²	2
Total Benthos	ind./m ²	593
Diversity Index	ind./m ²	0.12

Physical Appearance : 1. Sample : sand mixed grit
2. Container : 1 bag

Remark : 1. ** ห้วยหนองปรือหลังจตุรระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 3)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



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Examined By

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Request No. W6608345

Report No. 6608-1890

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
 Address : 789 Moo 1 ,Nongkoh-Laem Chabang Rd.,Nongkham , Sriracha , Chonburi 20230
 Sampling Source : Pinthong Industrial Park (Project 4) Sample No. : W 66081200
 Sample Name : ห้วยหนองปรือหลังจตุระบายน้ำทิ้ง** Sampling Date : 14/08/2023
 Sampling By : Si Racha Fisheries Research Station Sampling Time : 8:20 AM
 Sampling Method : Grab Received Date : 15/08/2023
 Tested Date : 15/08/2023 – 21/08/2023 Reported Date : 25/08/2023

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	<i>Trichopodus trichopterus</i>	ปลากระดี่หม้อ	8	ตัว
	Cyprinidae	<i>Puntius brevis</i>	ปลาตะเพียนทราย	1	ตัว

Total Genus	2
-------------	---

Total Aquatic animal	9
----------------------	---

Diversity Index	0.35
-----------------	------

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ** ห้วยหนองปรือหลังจตุระบายน้ำทิ้งของโครงการ ประมาณ 500 เมตร (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University



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Examined By.....

(Miss Apiradee Chuen-arom)

25 / 08 / 2023

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Test Report

Request No : W6608536

Report No : 6610-1592

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081984

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	ng/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Barium (Ba)	ng/kg	Digestion, Inductively Coupled Plasma	20.8	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.38	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	188	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharek Phatklang (จ-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1592

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081984

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	4.27	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

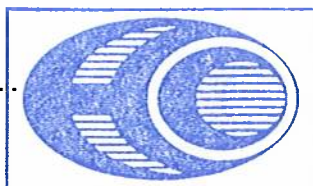
2. Sampling By Mr. Supharek Phatklang (จ-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/10/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610 - 1592

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081984

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	21.1	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.34	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	2,921	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023

Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610- 1592

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081984

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.20	-
pH #		pH Meter	5.6	-
Sodium Adsorption Ratio (SAR)	#	AAS	3.69	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

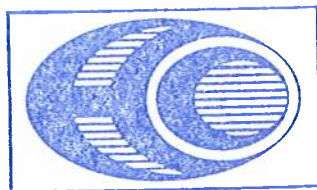
Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



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25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1593

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081985

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	12.4	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	4.54	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	179	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (1-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1593

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081985

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	2.35	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	5.28	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610- 1593

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081985

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	12.6	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.00	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	2,922	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Page 1 of 1

Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023

COPY

Test Report

Request No : W6608536

Report No : 6610 - 1593

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081985

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC) #	µS/cm	Electric Conductivity meter	0.27	-
pH #		pH Meter	6.7	-
Sodium Adsorption Ratio (SAR) #		AAS	0.27	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1594

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081986

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	7.18	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.63	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	59.0	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

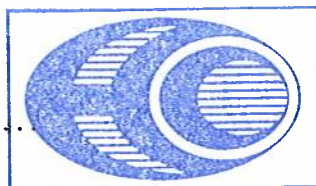
2. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1594

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081986

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	4.78	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610- 1594

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081986

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	7.21	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.81	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	494	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



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Examined By :

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25/10/2023

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Request No : W6608536

Report No : 6610 - 1594

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081986

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC) #	dS/m	Electric Conductivity meter	0.18	-
pH #		pH Meter	6.2	-
Sodium Adsorption Ratio (SAR) #		AAS	0.51	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

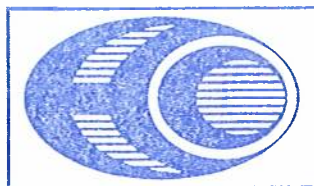
Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



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Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

Test Report

Request No : W6608536

Report No : 6610-1595

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081987

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	5.69	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	39.8	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.19	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	4.05	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	277	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

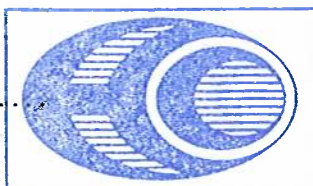
2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1595

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081987

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	1.02	≤5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	4.90	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	6.77	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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**Test Report**

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-1595

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081987

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	40.3	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.06	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	4,975	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



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Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610 - 1595

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081987

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.41	-
pH #		pH Meter	5.7	-
Sodium Adsorption Ratio (SAR)	#	AAS	2.42	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1596

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081988

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	38.4	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.15	≤ 762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤ 212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.44	≤ 800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	221	≤ 19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharker Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1596

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081988

Sample Name : พื้นที่เขี้ยวคันพิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	2.19	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	5.10	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

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(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-1596

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081988

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	36.6	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	3,467	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/10/2023



Test Report

Request No : W6608536

Report No : 6610 - 1596

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081988

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.25	-
pH	#	pH Meter	5.8	-
Sodium Adsorption Ratio (SAR)	#	AAS	6.51	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

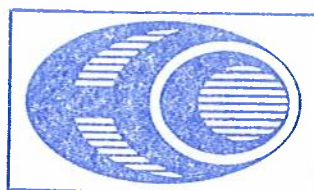
Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

Test Report

Request No : W6608536

Report No : 6610-1597

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081989

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	14.6	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	4.98	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	199	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1597

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081989

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	2.93	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	6.17	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610- 1597

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081989

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	13.9	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.02	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	3,160	-

Physical Apperance : 1. Sample : brown, soil

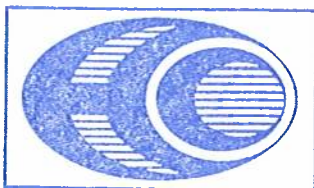
2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

Test Report

Request No : W6608536

Report No : 6610 - 1597

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081989

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.19	-
pH	#	pH Meter	6.3	-
Sodium Adsorption Ratio (SAR)	#	AAS	0.63	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1598

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081990

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	8.85	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.87	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	77.4	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharek Phatklang (1-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1598

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081990

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	5.26	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. / I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1598

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081990

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	8.47	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.05	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	569	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610 - 1598

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081990

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.22	-
pH #		pH Meter	6.1	-
Sodium Adsorption Ratio (SAR)	#	AAS	0.69	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-1599

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081991

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard/l
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	5.88	≤25
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	36.4	-
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.23	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	3.44	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	218	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1599

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081991

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 5205
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	8.89	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

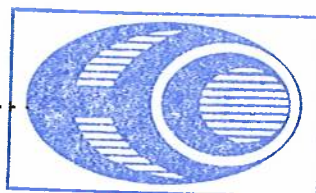
2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

25/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1599

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081991

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	36.5	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤35040
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	5,640	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608536

Report No : 6610-1599

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66081991

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 26/08/2023 - 12/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Electrical Conductivity (EC)	# dS/m	Electric Conductivity meter	0.16	-
pH #		pH Meter	5.4	-
Sodium Adsorption Ratio (SAR)	#	AAS	4.70	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

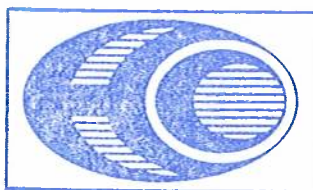
Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By :

(Miss Apiradee Chuen-arom)

25/10/2023

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Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0174

Address : 789 Moo 1 Nong Koi - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082143

Sample Name : หัวหนองปรือก่อนจุติระบายน้ำทิ้งโครงการ (SD1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	ng/kg	Digestion, Inductively Coupled Plasma	6.47	≤10
Cadmium (Cd)	ng/kg	Digestion, Inductively Coupled Plasma	0.15	≤1
Hexavalent Chromium	ng/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Mercury (Hg)	ng/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	ng/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤23
Silver (Ag)	ng/kg	Digestion, Inductively Coupled Plasma	< 2.50	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

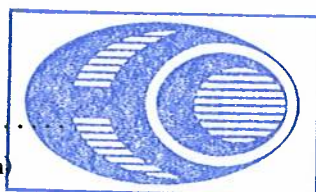
2. Sampling By Mr. Songpon Phiwuan (1-003-ก-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

06/10/2023

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Test Report

Request No : W6608583

Report No : 6610-0174

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082143

Sample Name : หัวหนองปรือก่อนจุลระบายน้ำทิ้งโครงการ (SDI)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	3.17	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	3.28	≤120

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

**Test Report**

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0174

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082143

Sample Name : ห้วยหนองปรือก่อนจุระบายน้ำทิ้งโครงการ (SD1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	16.0	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 31.5

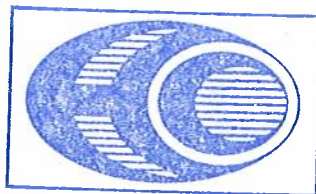
Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0175

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082144

Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งโครงการ (SD2) Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤ 1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 23
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

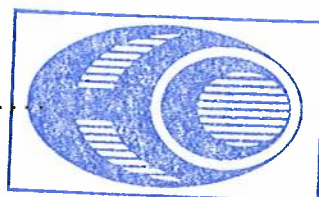
2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABOFATORY

Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0175

Address : 789 Moo 1 Nong Koi - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082144

Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งโครงการ (SD2) Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	2.30	≤ 120

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

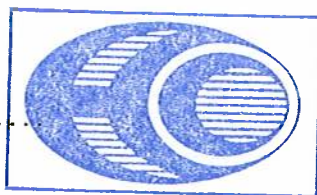
2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0175

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082144

Sample Name : ห้วยหนองปรือบริเวณจุดระบายน้ำทิ้งโครงการ (SD2) Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	24.4	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	10.1	≤31.5

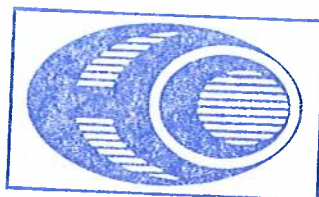
Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/10/2023

Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0176

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082145

Sample Name : ห้วยหนองปรือหลังจุฬารายน้ำทั้งของโครงการ (SD3)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard/l
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤23
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

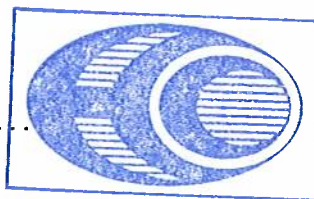
2. Sampling By Mr. Songpon Puiwuan (ว-003-ก-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

06/10/2023

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Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610-0176

Address : 789 Moo 1 Nong Koli - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082145

Sample Name : ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ (SD3) Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion, Inductively Coupled Plasma Method; Filtration, Colorimetric Method; Calculation	< 2.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	1.98	≤ 120

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Piniwuan (1-003-ก-0016)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

06/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608583

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6610- 0176

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66082145

Sample Name : ห้วยหนองปรือหลังจุดระบายน้ำทิ้งของโครงการ (SD3)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 06/10/2023

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion, Inductively Coupled Plasma	28.9	-
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.44	≤31.5

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6612280

Report No : 6701-0020

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120983

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 13/12/2023 - 22/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≥ 500
Barium (Ba)	mg/kg	Digestion, Inductively Coupled Plasma	10.5	≥ 10000
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≥ 100
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≥ 500
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.19	≥ 2500
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.00	≥ 1000
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≥ 20

Physical Appearance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2548 (2005), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)
(TTLC : Total Threshold Limit Concentration)

2. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

04/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

04/01/2024

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Test Report

Request No : W6612280

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6701-0020

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120983

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 13/12/2023 - 22/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≥ 2000
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≥ 100
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	≥ 500
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	12.8	≥ 5000

Physical Appearance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2548 (2005), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)

(TTLC : Total Threshold Limit Concentration)

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

04/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

04/01/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6612280

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6701- 0020

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120983

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 13/12/2023 - 22/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Aluminium (Al)	mg/kg	Digestion,Inductively Coupled Plasma	5,551	-
Iron (Fe)	mg/kg	Digestion,Inductively Coupled Plasma	2,487	-
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	63.1	-
Trivalent Chromium (Cr ³⁺)	mg/kg	Digestion,Inductively Coupled Plasma Method;Filtration,Colorimetric Method;Calculation	2.42	≥2500

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /I Notification of the Ministry of Industry B.E. 2548 (2005) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)
(TTLC : Total Threshold Limit Concentration)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

04/01/2024

Test Report

Request No : W6612280

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6701-0021

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120984

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 18/12/2023 - 26/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.10	≥5
Barium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.43	≥100
Cadmium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.02	≥1
Copper	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.03	≥25
Hexavalent Chromium	mg/L as Cr ⁶⁺	Waste Extraction,Colorimetric Method	< 0.050	≥5

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2548 (2005) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)
(STLC : Soluble Threshold Limit Concentration)

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

04/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

04/01/2024

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Test Report

Request No : W6612280

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6701-0021

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120984

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 18/12/2023 - 26/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Lead	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.04	≥5
Mercury	mg/L	Waste Extraction,Digestion,Cold - Vapor Atomic Absorption Spectrometric	< 0.0010	≥0.2
Nickel	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.02	≥20
Selenium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.10	≥1

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /I Notification of the Ministry of Industry B.E. 2548 (2005), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)
(STLC : Soluble Threshold Limit Concentration)

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

04/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

04/01/2024

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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6612280

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6701-0021

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 4)

Sample No : W 66120984

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 18/12/2023 - 26/12/2023

Reported Date : 04/01/2024

Parameter	Unit	Method	Result	Standard ¹
Silver	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.05	≥5
Zinc	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.95	≥250

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2548 (2005) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)

(STLC : Soluble Threshold Limit Concentration)

2. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

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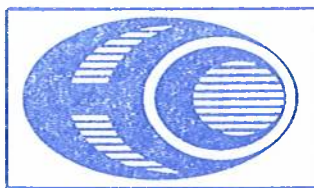
Parameter	Unit	Method	Result	Standard/ ¹
Aluminium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	286	-
Iron	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	30.0	-
Manganese	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	5.80	-
Trivalent Chromium	mg/L	Digestion,Inductively Coupled Plasma Method;Filtration,Colorimetric Method;Calculation	< 0.050	≥5

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2548 (2005) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.123, Special Part 11D, date January 25, B.E.2549 (2006)
(STLC : Soluble Threshold Limit Concentration)

- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/01/2024

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