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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 10/01/68	**Report No.**	: 680001R0343
Sampling Time	: 12.03 PM	**Report Date**	: 21/01/68
Sample No.	: WW0201/68	**Received Date**	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/01/68 - 16/01/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	242	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	421	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.3	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	640	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	46.5	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	54.3	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	46	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	40	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	-

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

P.Ra.

(Miss Panida Ruamlarp)
ว-341-ค-0002
21/01/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสุบน้ำเสีย		
Sampling Date	: 10/01/68	Report No.	: 680001R0343
Sampling Time	: 12.03 PM	Report Date	: 21/01/68
Sample No.	: WW0201/68	Received Date	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/01/68 - 16/01/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	6.6	-
Free Chlorine	mg/L	Portable Photometer	0.01	-

Physical Appearance	: Yellow Turbid, Medium SS

Remark :

Review by : (Mr. Songkran Malaithong) 21/01/68

Approved by : (Miss Panida Ruamlarp) 21/01/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6801219
Report No : 6801-1647

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 5)
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010668
Sampling Date : 10/01/2025
Sampling Time : 12:00 PM
Received Date : 11/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0064	≤0.25
Barium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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)	0.05	≤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
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 Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No :W6801219
Report No :6801-1647

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 5)
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010668
Sampling Date : 10/01/2025
Sampling Time : 12:00 PM
Received Date : 11/01/2025
Reported Date : 31/01/2025

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)	0.11	≤5
Mercury	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤1

Physical Apperance : 1. Sample : yellow, turbid
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 Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No : W6801219
Report No : 6801-1647

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 5)
Sample No : W 68010668
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ ##
Sampling Date : 10/01/2025
Sampling By : ETC
Sampling Time : 12:00 PM
Sampling Method : Grab
Received Date : 11/01/2025
Tested Date : 13/01/2025 - 30/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0186	≤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)	0.17	≤5

Physical Apperance : 1. Sample : yellow, turbid
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 Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No :W6801219
Report No :6801- 1647

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 5)
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010668
Sampling Date : 10/01/2025
Sampling Time : 12:00 PM
Received Date : 11/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.72	≤10

Physical Apperance : 1. Sample : yellow, turbid
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 Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Miss Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1647

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 5)	Sample No.	:	W 68010668
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid

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

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Request No. W6801219

TEST REPORT

Report No. 6801-1647

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 5)	Sample No.	:	W 68010668
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Request No. W6801219

TEST REPORT

Report No. 6801-1647

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 5)	Sample No.	:	W 68010668
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 10/02/2025	Reported Date	:	10/02/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/02/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (จ-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/01/68	**Report No.**	: 680001R0342
Sampling Time	: 11:55 AM	**Report Date**	: 21/01/68
Sample No.	: WW0200/68	**Received Date**	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/01/68 - 16/01/68

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)	28	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	68	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	28.0	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	278	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	33.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Da.

(Miss Panida Ruamlarp)
จ-341-ค-0002
21/01/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/01/68	Report No.	: 680001R0342
Sampling Time	: 11:55 AM	Report Date	: 21/01/68
Sample No.	: WW0200/68	Received Date	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/01/68 - 16/01/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	7.7	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.16	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 21/01/68

Approved by : (Miss Panida Ruamlarp) 21/01/68

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Test Report

Request No :W6801219
Report No :6801-1648

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 5)
Sample No : W 68010669
Sample Name : Effluent Pond
Sampling Date : 10/01/2025
Sampling By : ETC
Sampling Time : 11:50 AM
Sampling Method : Grab
Received Date : 11/01/2025
Tested Date : 13/01/2025 - 30/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043	≤0.25
Barium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6801219
Report No :6801-1648

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 5)
Sample Name : Effluent Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010669
Sampling Date : 10/01/2025
Sampling Time : 11:50 AM
Received Date : 11/01/2025
Reported Date : 31/01/2025

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)	0.19	≤5
Mercury	mg/L	Digestion, 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, 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No :W6801219
Report No :6801-1648

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 5)
Sample No : W 68010669
Sample Name : Effluent Pond
Sampling Date : 10/01/2025
Sampling By : ETC
Sampling Time : 11:50 AM
Sampling Method : Grab
Received Date : 11/01/2025
Tested Date : 13/01/2025 - 30/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0076	≤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)	0.05	≤5

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No :W6801219
Report No :6801- 1648

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 5)
Sample No : W 68010669
Sample Name : Effluent Pond
Sampling Date : 10/01/2025
Sampling By : ETC
Sampling Time : 11:50 AM
Sampling Method : Grab
Received Date : 11/01/2025
Tested Date : 13/01/2025 - 30/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	140	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	-

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 : .....
(Miss Apiradee Chuen-arom)
31/01/2025

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Request No. W6801219

TEST REPORT

Report No. 6801-1648

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 5)	Sample No.	:	W 68010669
Sample Name	:	Effluent Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1648

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 5)	Sample No.	:	W 68010669
Sample Name	:	Effluent Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1648

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 5)	Sample No.	:	W 68010669
Sample Name	:	Effluent Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 10/02/2025	Reported Date	:	10/02/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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. *** Tested by Analytical Laboratory Service Co.,Ltd.

3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/02/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/01/68	**Report No.**	: 680001R0341
Sampling Time	: 11:41 AM	**Report Date**	: 21/01/68
Sample No.	: WW0199/68	**Received Date**	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/01/68 - 16/01/68

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)	12	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	52	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	218	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	24.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P.Da.

(Miss Panida Ruamlarp)
ว-341-ค-0002
21/01/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/01/68	Report No.	: 680001R0341
Sampling Time	: 11:41 AM	Report Date	: 21/01/68
Sample No.	: WW0199/68	Received Date	: 10/01/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/01/68 - 16/01/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	7.8	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.11	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 21/01/68

Approved by : (Miss Panida Ruamlarp) 21/01/68

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6801219
Report No : 6801-1649

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 5)
Sample No : W 68010670
Sample Name : Holding Pond
Sampling Date : 10/01/2025
Sampling By : ETC
Sampling Time : 11:40 AM
Sampling Method : Grab
Received Date : 11/01/2025
Tested Date : 13/01/2025 - 30/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0027	≤0.25
Barium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6801219
Report No :6801-1649

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 5)
Sample Name : Holding Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010670
Sampling Date : 10/01/2025
Sampling Time : 11:40 AM
Received Date : 11/01/2025
Reported Date : 31/01/2025

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	Digestion, 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, 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No :W6801219
Report No :6801-1649

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 5)
Sample Name : Holding Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010670
Sampling Date : 10/01/2025
Sampling Time : 11:40 AM
Received Date : 11/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/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)	0.06	≤5

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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Test Report

Request No : W6801219
Report No : 6801- 1649

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 5)
Sample Name : Holding Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/01/2025 - 30/01/2025
Sample No : W 68010670
Sampling Date : 10/01/2025
Sampling Time : 11:40 AM
Received Date : 11/01/2025
Reported Date : 31/01/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	7,900	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	7.8	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	-

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1649

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 5)	Sample No.	:	W 68010670
Sample Name	:	Holding Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:40 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
31/01/2025

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Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
31/01/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1649

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 5)	Sample No.	:	W 68010670
Sample Name	:	Holding Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:40 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 30/01/2025	Reported Date	:	31/01/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

31/01/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6801219

TEST REPORT

Report No. 6801-1649

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 5)	Sample No.	:	W 68010670
Sample Name	:	Holding Pond	Sampling Date	:	10/01/2025
Sampling By	:	ETC	Sampling Time	:	11:40 AM
Sampling Method	:	Grab	Received Date	:	11/01/2025
Tested Date	:	13/01/2025 – 10/02/2025	Reported Date	:	10/02/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [5 Bottle] , PE 1.0L, 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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/02/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss. Nerucha Mala (ว-341-จ-0004)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 10/02/68	**Report No.**	: 680005R0719
Sampling Time	: 10:03 AM	**Report Date**	: 21/02/68
Sample No.	: WW0592/68	**Received Date**	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/02/68 - 17/02/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	24	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	98	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.4	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	434	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	25.5	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	39.3	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	39	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	37	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.6	-

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)
ว-341-ค-0002
21/02/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss. Nerucha Mala		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 10/02/68	Report No.	: 680005R0719
Sampling Time	: 10:03 AM	Report Date	: 21/02/68
Sample No.	: WW0592/68	Received Date	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/02/68 - 17/02/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.5	-
Free Chlorine	mg/L	Portable Photometer	0.01	-

Physical Appearance	: Yellow Turbid, Medium SS

Remark :

Review by : (Mr. Songkran Malaithong) 21/02/68

Approved by : (Miss Panida Ruamlarp) 21/02/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802259
Report No : 6803-0630

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ###**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020726
Sampling Date : 10/02/2025**
Sampling Time : 10:00 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0060	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	≤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
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802259
Report No :6803-0630

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020726
Sampling Date : 10/02/2025**
Sampling Time : 10:00 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

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)	0.08	≤5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802259
Report No :6803-0630

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 5)**
Sample No : W 68020726
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling Date : 10/02/2025**
Sampling By : ETC**
Sampling Time : 10:00 AM**
Sampling Method : Grab**
Received Date : 11/02/2025
Tested Date : 13/02/2025 - 04/03/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0427	≤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)	0.07	≤5

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Suphareerk Phatklang (ว-003-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (ก่อนเข้าสู่บ่อน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6802259
Report No :6803- 0630

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 5)	Sample No	:	W 68020726
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 - 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.54	≤10

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
15/03/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0630

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 5)	Sample No.	:	W 68020726
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 1.0 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0630

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 5)	Sample No.	:	W 68020726
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 1.0 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0630

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 5)	Sample No.	:	W 68020726
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 1.0 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss. Nerucha Mala (ว-341-จ-0004)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/02/68	**Report No.**	: 680005R0720
Sampling Time	: 09:54 AM	**Report Date**	: 21/02/68
Sample No.	: WW0593/68	**Received Date**	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/02/68 - 17/02/68

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)	53	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	108	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	26.0	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	436	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	43.4	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	31	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.5	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Da.

(Miss Panida Ruamlarp)
ว-341-ค-0002
21/02/68

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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	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/02/68	Report No.	: 680005R0720
Sampling Time	: 09:54 AM	Report Date	: 21/02/68
Sample No.	: WW0593/68	Received Date	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/02/68 - 17/02/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	7.8	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.10	≤1

Physical Appearance	: Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 21/02/68

Approved by : (Miss Panida Ruamlarp) 21/02/68

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802259
Report No :6803-0631

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020727
Sampling Date : 10/02/2025**
Sampling Time : 9:50 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0046	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤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 (4 Bottle) , 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, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802259
Report No :6803-0631

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020727
Sampling Date : 10/02/2025**
Sampling Time : 9:50 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

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)	0.28	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (4 Bottle) , 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, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

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Approved By : .....
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(ว-003-ค-0005)
15/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802259
Report No :6803-0631

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020727
Sampling Date : 10/02/2025**
Sampling Time : 9:50 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0112	≤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 Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (4 Bottle) , 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, 24th Edition, 2023.
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
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683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6802259
Report No :6803- 0631

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 5)
Sample Name : Effluent Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020727
Sampling Date : 10/02/2025
Sampling Time : 9:50 AM
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	35,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	70	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L (4 Bottle) , 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang

Examined By : .....
(Miss Apiradee Chuen-arom)
15/03/2025

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Request No. W6802259

TEST REPORT

Report No. 6803-0631

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 5)	Sample No.	:	W 68020727
Sample Name	:	Effluent Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Suphareerk Phatklang (ว-003-ค-0031)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

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Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0631

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 5)	Sample No.	:	W 68020727
Sample Name	:	Effluent Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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Request No. W6802259

TEST REPORT

Report No. 6803-0631

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 5)	Sample No.	:	W 68020727
Sample Name	:	Effluent Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss. Nerucha Mala (ว-341-จ-0004)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/02/68	**Report No.**	: 680005R0721
Sampling Time	: 09:46 AM	**Report Date**	: 21/02/68
Sample No.	: WW0594/68	**Received Date**	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/02/68 - 17/02/68

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)	11	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	61	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	28.1	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	306	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	42.5	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
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)	23	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.6	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Da.

(Miss Panida Ruamlarp)
ว-341-ค-0002
21/02/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss. Nerucha Mala		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/02/68	Report No.	: 680005R0721
Sampling Time	: 09:46 AM	Report Date	: 21/02/68
Sample No.	: WW0594/68	Received Date	: 10/02/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/02/68 - 17/02/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.7	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance	: Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 21/02/68

Approved by : (Miss Panida Ruamlarp) 21/02/68

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802259
Report No :6803-0632

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020728
Sampling Date : 10/02/2025**
Sampling Time : 9:40 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0041	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤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(4 Bottle) , 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, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802259
Report No :6803-0632

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020728
Sampling Date : 10/02/2025**
Sampling Time : 9:40 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

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)	0.30	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , 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, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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TESTING No.0159

Test Report

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Report No :6803-0632

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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**
Sampling Source : Pinthong Industrial Park (Project 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/02/2025 - 04/03/2025
Sample No : W 68020728
Sampling Date : 10/02/2025**
Sampling Time : 9:40 AM**
Received Date : 11/02/2025
Reported Date : 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0113	≤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)	0.06	≤5

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , 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, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
15/03/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6802259
Report No :6803-0632

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 5)	Sample No	: W 68020728
Sample Name	: Holding Pond	Sampling Date	: 10/02/2025
Sampling By	: ETC	Sampling Time	: 9:40 AM
Sampling Method	: Grab	Received Date	: 11/02/2025
Tested Date	: 13/02/2025 - 04/03/2025	Reported Date	: 15/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	170	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	-

Physical Apperance : 1. Sample : yellow, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
15/03/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0632

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 5)	Sample No.	:	W 68020728
Sample Name	:	Holding Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0632

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 5)	Sample No.	:	W 68020728
Sample Name	:	Holding Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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. *** Tested by Analytical Laboratory Service Co.,Ltd.

3. Sampling By Mr. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6802259

TEST REPORT

Report No. 6803-0632

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 5)	Sample No.	:	W 68020728
Sample Name	:	Holding Pond	Sampling Date	:	10/02/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/02/2025
Tested Date	:	13/02/2025 – 04/03/2025	Reported Date	:	15/03/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/03/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 13/03/68	**Report No.**	: 680005R1096
Sampling Time	: 11:55 AM	**Report Date**	: 20/03/68
Sample No.	: WW0987/68	**Received Date**	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 13/03/68 - 18/03/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	34	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	122	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	33.2	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	266	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	31.4	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	45.2	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	50	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	45	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.6	-

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

P. Da.

(Miss Panida Ruamlarp)
ว-341-ค-0002
20/03/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 13/03/68	Report No.	: 680005R1096
Sampling Time	: 11:55 AM	Report Date	: 20/03/68
Sample No.	: WW0987/68	Received Date	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 13/03/68 - 18/03/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.6	-
Free Chlorine	mg/L	Portable Photometer	0.04	-

Physical Appearance	: Yellow Turbid, Medium SS

Remark :

Review by : (Mr. Songkran Malaithong) 20/03/68

Approved by : (Miss Panida Ruamlarp) 20/03/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6803380
Report No :6804-0457

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031183
Sampling Date : 13/03/2025**
Sampling Time : 11:50 AM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0040	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤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. Samplc : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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EASTERN THAI CONSULTING 1992 CO., LTD.

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

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6803380
Report No :6804-0457

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ###**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031183
Sampling Date : 13/03/2025**
Sampling Time : 11:50 AM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

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	Digestion, 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, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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EASTERN THAI CONSULTING 1992 CO., LTD.

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

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6803380
Report No :6804-0457

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ###**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031183
Sampling Date : 13/03/2025**
Sampling Time : 11:50 AM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0356	≤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)	0.09	≤5

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6803380
Report No :6804- 0457

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 5)
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031183
Sampling Date : 13/03/2025
Sampling Time : 11:50 AM
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Parkpoom Buasawad
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0457

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 5)	Sample No.	:	W 68031183
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0457

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 5)	Sample No.	:	W 68031183
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0457

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 5)	Sample No.	:	W 68031183
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (จ-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 13/03/68	**Report No.**	: 680005R1098
Sampling Time	: 12:11 PM	**Report Date**	: 20/03/68
Sample No.	: WW0989/68	**Received Date**	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 13/03/68 - 18/03/68

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)	14	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	86	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	328	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	46.2	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	16.5	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	34	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	31	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.5	≤1

Physical Appearance : Green, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Da.

(Miss Panida Ruamlarp)
จ-341-ค-0002
20/03/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 13/03/68	Report No.	: 680005R1098
Sampling Time	: 12:11 PM	Report Date	: 20/03/68
Sample No.	: WW0989/68	Received Date	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 13/03/68 - 18/03/68

Item / Parameter	Unit	Method	Result	Standard 1/
pH (On site)	-	Electrometric Method	7.6	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.04	≤1

Physical Appearance	: Green, Medium SS

Remark : 1/ Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 20/03/68

Approved by : (Miss Panida Ruamlarp) 20/03/68

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6803380
Report No :6804-0458

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031184
Sampling Date : 13/03/2025**
Sampling Time : 12:00 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0058	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6803380
Report No : 6804-0458

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031184
Sampling Date : 13/03/2025**
Sampling Time : 12:00 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

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 Mcthod (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	≤5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion,Inductively Coupled Plasma Mcthod (SM:3030F, 3120B)	< 0.03	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6803380
Report No :6804-0458

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031184
Sampling Date : 13/03/2025**
Sampling Time : 12:00 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0254	≤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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6803380
Report No : 6804- 0458

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 5)
Sample Name : Effluent Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/03/2025 - 04/04/2025

Sample No : W 68031184
Sampling Date : 13/03/2025
Sampling Time : 12:00 PM
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	31	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Parkpoom Buasawad

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Examined By : .....
(Miss Apiradee Chuen-arom)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0458

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 5)	Sample No.	:	W 68031184
Sample Name	:	Effluent Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0458

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 5)	Sample No.	:	W 68031184
Sample Name	:	Effluent Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0458

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 5)	Sample No.	:	W 68031184
Sample Name	:	Effluent Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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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 Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 13/03/68	**Report No.**	: 680005R1097
Sampling Time	: 11:56 AM	**Report Date**	: 20/03/68
Sample No.	: WW0988/68	**Received Date**	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 13/03/68 - 18/03/68

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)	10	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	83	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.7	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	308	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	45.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	27	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Green, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Da.

(Miss Panida Ruamlarp)
ว-341-ค-0002
20/03/68

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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 Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 13/03/68	Report No.	: 680005R1097
Sampling Time	: 11:56 AM	Report Date	: 20/03/68
Sample No.	: WW0988/68	Received Date	: 13/03/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 13/03/68 - 18/03/68

Item / Parameter	Unit	Method	Result	Standard 1/
pH (On site)	-	Electrometric Method	8.2	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.02	≤1

Physical Appearance	: Green, Medium SS

Remark : 1/ Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 20/03/68

Approved by : (Miss Panida Ruamlarp) 20/03/68

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6803380
Report No : 6804-0459

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031185
Sampling Date : 13/03/2025**
Sampling Time : 12:10 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043	≤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 : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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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

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6803380
Report No : 6804-0459

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025

Sample No : W 68031185
Sampling Date : 13/03/2025**
Sampling Time : 12:10 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

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	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6803380
Report No :6804-0459

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/03/2025 - 04/04/2025
Sample No : W 68031185
Sampling Date : 13/03/2025**
Sampling Time : 12:10 PM**
Received Date : 14/03/2025
Reported Date : 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0140	≤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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0017)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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ACCREDITED LABORATORY
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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6803380
Report No : 6804- 0459

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source	: Pinthong Industrial Park (Project 5)	Sample No	: W 68031185
Sample Name	: Holding Pond	Sampling Date	: 13/03/2025
Sampling By	: ETC	Sampling Time	: 12:10 PM
Sampling Method	: Grab	Received Date	: 14/03/2025
Tested Date	: 14/03/2025 - 04/04/2025	Reported Date	: 10/04/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	49	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 2.5 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Parkpoom Buasawad

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Examined By : .....
(Miss Apiradee Chuen-arom)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0459

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 5)	Sample No.	:	W 68031185
Sample Name	:	Holding Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0459

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 5)	Sample No.	:	W 68031185
Sample Name	:	Holding Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

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

2. *** Tested by Analytical Laboratory Service Co.,Ltd.

3. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803380

TEST REPORT

Report No. 6804-0459

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 5)	Sample No.	:	W 68031185
Sample Name	:	Holding Pond	Sampling Date	:	13/03/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	14/03/2025
Tested Date	:	14/03/2025 – 04/04/2025	Reported Date	:	10/04/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

10/04/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Mr. Songkran Malaithong (ว-341-ค-0003)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 10/04/68	**Report No.**	: 680005R1482
Sampling Time	: 10:20 AM	**Report Date**	: 23/04/68
Sample No.	: WW1388/68	**Received Date**	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/04/68 - 18/04/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	40	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	142	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.2	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	202	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	69.0	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	41.8	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	31	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	-

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

P. Ra.

(Miss Panida Ruamlarp)
ว-341-ค-0002
23/04/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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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. Songkran Malaithong		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 10/04/68	Report No.	: 680005R1482
Sampling Time	: 10:20 AM	Report Date	: 23/04/68
Sample No.	: WW1388/68	Received Date	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/04/68 - 18/04/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.6	-
Free Chlorine	mg/L	Portable Photometer	0.00	-

Physical Appearance	: Yellow Turbid, Medium SS

Remark :

Review by : (Mr. Songkran Malaithong) 23/04/68

Approved by : (Miss Panida Ruamlarp) 23/04/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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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

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1364

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 5)**
Sample No : W 68040956
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling Date : 10/04/2025**
Sampling By : ETC**
Sampling Time : 10:00 AM**
Sampling Method : Grab**
Received Date : 11/04/2025
Tested Date : 11/04/2025 - 22/05/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0063	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤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)	0.06	≤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
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสถานีน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6804319
Report No :6805-1364

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 5)** Sample No : W 68040956
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##** Sampling Date : 10/04/2025**
Sampling By : ETC** Sampling Time : 10:00 AM**
Sampling Method : Grab** Received Date : 11/04/2025
Tested Date : 11/04/2025 - 22/05/2025 Reported Date : 22/05/2025

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)	0.08	≤5
Mercury #	mg/L	Digestion, 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, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6804319
Report No :6805-1364

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025
Sample No : W 68040956
Sampling Date : 10/04/2025**
Sampling Time : 10:00 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0272	≤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)	0.16	≤5

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6804319
Report No :6805- 1364

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source	: Pinthong Industrial Park (Project 5)	Sample No	: W 68040956
Sample Name	: ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	: 10/04/2025
Sampling By	: ETC	Sampling Time	: 10:00 AM
Sampling Method	: Grab	Received Date	: 11/04/2025
Tested Date	: 11/04/2025 - 22/05/2025	Reported Date	: 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.32	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.74	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1364

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 5)	Sample No.	:	W 68040956
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6804319

TEST REPORT

Report No. 6805-1364

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 5)	Sample No.	:	W 68040956
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1364

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 5)	Sample No.	:	W 68040956
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Mr. Songkran Malaithong (ว-341-ค-0003)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/04/68	**Report No.**	: 680005R1483
Sampling Time	: 10:25 AM	**Report Date**	: 23/04/68
Sample No.	: WW1389/68	**Received Date**	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/04/68 - 18/04/68

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)	14	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	74	≤120
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)	206	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	39.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	17.8	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	25	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P.Ra.

(Miss Panida Ruamlarp)
ว-341-ค-0002
23/04/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Mr. Songkran Malaithong		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 10/04/68	Report No.	: 680005R1483
Sampling Time	: 10:25 AM	Report Date	: 23/04/68
Sample No.	: WW1389/68	Received Date	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 10/04/68 - 18/04/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	7.8	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.03	≤1

Physical Appearance	: Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 23/04/68

Approved by : (Miss Panida Ruamlarp) 23/04/68

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- End of Report -

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1365

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025
Sample No : W 68040957
Sampling Date : 10/04/2025**
Sampling Time : 9:50 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

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)	0.05	≤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 [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1365

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025
Sample No : W 68040957
Sampling Date : 10/04/2025**
Sampling Time : 9:50 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

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)	0.09	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6804319
Report No :6805-1365

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025
Sample No : W 68040957
Sampling Date : 10/04/2025**
Sampling Time : 9:50 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0177	≤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)	0.04	≤5

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6804319
Report No :6805- 1365

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source	: Pinthong Industrial Park (Project 5)	Sample No	: W 68040957
Sample Name	: Effluent Pond	Sampling Date	: 10/04/2025
Sampling By	: ETC	Sampling Time	: 9:50 AM
Sampling Method	: Grab	Received Date	: 11/04/2025
Tested Date	: 11/04/2025 - 22/05/2025	Reported Date	: 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	17,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	210	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.32	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 : .....
(Miss Apiradee Chuen-arom)
22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1365

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 5)	Sample No.	:	W 68040957
Sample Name	:	Effluent Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1365

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 5)	Sample No.	:	W 68040957
Sample Name	:	Effluent Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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TEST REPORT

Report No. 6805-1365

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 5)	Sample No.	:	W 68040957
Sample Name	:	Effluent Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Mr. Songkran Malaithong (ว-341-ค-0003)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/04/68	**Report No.**	: 680005R1484
Sampling Time	: 10:37 AM	**Report Date**	: 23/04/68
Sample No.	: WW1390/68	**Received Date**	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/04/68 - 18/04/68

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)	16	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	78	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	28.9	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	284	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	41.8	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	23	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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 :

P. Ra.

(Miss Panida Ruamlarp)
ว-341-ค-0002
23/04/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Mr. Songkran Malaithong		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 10/04/68	**Report No.**	: 680005R1484
Sampling Time	: 10:37 AM	**Report Date**	: 23/04/68
Sample No.	: WW1390/68	**Received Date**	: 10/04/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 10/04/68 - 18/04/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.9	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.04	≤1

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Mr. Songkran Malaithong) 23/04/68

Approved by : (Miss Panida Ruamlarp) 23/04/68

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- End of Report -

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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

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1366

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025

Sample No : W 68040958
Sampling Date : 10/04/2025**
Sampling Time : 9:40 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0072	≤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 : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1366

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025

Sample No : W 68040958
Sampling Date : 10/04/2025**
Sampling Time : 9:40 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

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)	0.08	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

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Approved By : .....
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(ว-003-ค-0005)
22/05/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No : W6804319
Report No : 6805-1366

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 11/04/2025 - 22/05/2025

Sample No : W 68040958
Sampling Date : 10/04/2025**
Sampling Time : 9:40 AM**
Received Date : 11/04/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0133	≤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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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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Examined By : .....
(Miss Apiradee Chuen-arom)
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22/05/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6804319
Report No :6805- 1366

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 5)
Sample Name : Holding Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/04/2025 - 22/05/2025
Sample No : W 68040958
Sampling Date : 10/04/2025
Sampling Time : 9:40 AM
Received Date : 11/04/2025
Reported Date : 22/05/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	3,300	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	790	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.47	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 : .....
(Miss Apiradee Chuen-arom)
22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1366

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 5)	Sample No.	:	W 68040958
Sample Name	:	Holding Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
22/05/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
22/05/2025

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Request No. W6804319

TEST REPORT

Report No. 6805-1366

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 5)	Sample No.	:	W 68040958
Sample Name	:	Holding Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 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. *** Tested by Analytical Laboratory Service Co.,Ltd.

3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6804319

TEST REPORT

Report No. 6805-1366

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 5)	Sample No.	:	W 68040958
Sample Name	:	Holding Pond	Sampling Date	:	10/04/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	11/04/2025
Tested Date	:	11/04/2025 – 22/05/2025	Reported Date	:	22/05/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

22/05/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 15/05/68	**Report No.**	: 680005R1862
Sampling Time	: 02:00 PM	**Report Date**	: 23/05/68
Sample No.	: WW1778/68	**Received Date**	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 15/05/68 - 21/05/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	43	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	100	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.9	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	532	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	33.2	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	44	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	-

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :

(Miss Sawittree Sukklom)
ว-341-ค-0004
23/05/68

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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 Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บริเวณสูบน้ำเสีย		
Sampling Date	: 15/05/68	**Report No.**	: 680005R1862
Sampling Time	: 02:00 PM	**Report Date**	: 23/05/68
Sample No.	: WW1778/68	**Received Date**	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 15/05/68 - 21/05/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.5	-
Free Chlorine	mg/L	Portable Photometer	0.06	-

Physical Appearance	: Yellow Turbid, Medium SS

Remark :

Review by : (Miss Panida Ruamlarp) 23/05/68

Approved by : (Miss Sawittree Sukklom) 23/05/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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- End of Report -

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6805391
Report No :6806-0458

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 5)**
Sample No : W 68051352
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling Date : 15/05/2025**
Sampling By : ETC**
Sampling Time : 12:30 PM**
Sampling Method : Grab**
Received Date : 16/05/2025
Tested Date : 16/05/2025 - 06/06/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0683	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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)	0.04	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	1.06	≤1

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บึงเวอลูน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6805391
Report No :6806-0458

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051352
Sampling Date : 15/05/2025**
Sampling Time : 12:30 PM**
Received Date : 16/05/2025
Reported Date : 09/06/2025

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)	0.18	≤5
Mercury #	mg/L	Digestion, 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, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสถานีสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6805391
Report No :6806-0458

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051352
Sampling Date : 15/05/2025**
Sampling Time : 12:30 PM**
Received Date : 16/05/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0926	≤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)	0.18	≤5

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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Test Report

Request No :W6805391
Report No :6806- 0458

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 5)	Sample No	: W 68051352
Sample Name	: ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	: 15/05/2025
Sampling By	: ETC	Sampling Time	: 12:30 PM
Sampling Method	: Grab	Received Date	: 16/05/2025
Tested Date	: 16/05/2025 - 06/06/2025	Reported Date	: 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.54	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.81	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

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Examined By : .....
(Miss Apiradee Chuen-arom)
09/06/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0458

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 5)	Sample No.	:	W 68051352
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:30 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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

Request No. W6805391

TEST REPORT

Report No. 6806-0458

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 5)	Sample No.	:	W 68051352
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:30 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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

Request No. W6805391

TEST REPORT

Report No. 6806-0458

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 5)	Sample No.	:	W 68051352
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:30 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 15/05/68	**Report No.**	: 680005R1864
Sampling Time	: 11:42 AM	**Report Date**	: 23/05/68
Sample No.	: WW1780/68	**Received Date**	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 15/05/68 - 21/05/68

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)	11	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	59	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.9	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	554	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	25.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	18	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	26	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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.

รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :

(Miss Sawittree Sukklom)
ว-341-ค-0004
23/05/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 15/05/68	**Report No.**	: 680005R1864
Sampling Time	: 11:42 AM	**Report Date**	: 23/05/68
Sample No.	: WW1780/68	**Received Date**	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 15/05/68 - 21/05/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.0	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.13	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Miss Panida Ruamlarp) 23/05/68

Approved by : (Miss Sawittree Sukklom) 23/05/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6805391, W6805684

Report No : 6806-0459-1,6806-0496

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 5)**	Sample No	:	W 68051353, W68052353
Sample Name	:	Effluent Pond**	Sampling Date	:	15/05/2025, 30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	12:20 PM, 11:00 AM**
Sampling Method	:	Grab**	Received Date	:	16/05/2025, 31/05/2025
Tested Date	:	16/05/2025 - 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0355	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤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 [4 Bottle], PE 2.0 L, G 2.5 L]

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

2. /2 Sample No. W68052353 : Sampling Date 30/05/2025 (11:00 AM) : Tested Date 31/05/2025 - 04/06/2025

3. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Suphareerk Phatklang (ว-003-ค-0031)*

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

SUPPLEMENT TO TEST REPORT NO. 6806-0459

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6805391, W6805684
Report No : 6806-0459-1,6806-0496

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051353, W68052353
Sampling Date : 15/05/2025, 30/05/2025**
Sampling Time : 12:20 PM, 11:00 AM**
Received Date : 16/05/2025, 31/05/2025
Reported Date : 09/06/2025

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)	0.15	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68052353 : Sampling Date 30/05/2025 (11:00 AM) : Tested Date 31/05/2025 - 04/06/2025
3. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6806-0459

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6805391, W6805684
Report No : 6806-0459-1,6806-0496

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 (Projcct 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051353, W68052353
Sampling Date : 15/05/2025, 30/05/2025**
Sampling Time : 12:20 PM, 11:00 AM**
Received Date : 16/05/2025, 31/05/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Selenium */2	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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68052353 : Sampling Date 30/05/2025 (11:00 AM) : Tested Date 31/05/2025 - 04/06/2025
3. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6806-0459

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6805391
Report No :6806- 0459

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh - Lacm Chabang Rd ., Nongkham, Sriracha, Chonburi 20230

Sampling Source	: Pinthong Industrial Park (Project 5)	Sample No	: W 68051353
Sample Name	: Effluent Pond	Sampling Date	: 15/05/2025
Sampling By	: ETC	Sampling Time	: 12:20 PM
Sampling Method	: Grab	Received Date	: 16/05/2025
Tested Date	: 16/05/2025 - 06/06/2025	Reported Date	: 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	24,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	330	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.04	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Suphareerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
09/06/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0459

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 5)	Sample No.	:	W 68051353
Sample Name	:	Effluent Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:20 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

09/06/2025

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Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

09/06/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0459

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 5)	Sample No.	:	W 68051353
Sample Name	:	Effluent Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:20 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :
1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0459

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 5)	Sample No.	:	W 68051353
Sample Name	:	Effluent Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:20 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 15/05/68	**Report No.**	: 680005R1863
Sampling Time	: 11:26 AM	**Report Date**	: 23/05/68
Sample No.	: WW1779/68	**Received Date**	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 15/05/68 - 21/05/68

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)	16	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	88	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	34.1	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	290	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	32.9	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	8	≤100
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)	24	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance : Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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.

รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :

(Miss Sawittree Sukklom)
ว-341-ค-0004
23/05/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 15/05/68	Report No.	: 680005R1863
Sampling Time	: 11:26 AM	Report Date	: 23/05/68
Sample No.	: WW1779/68	Received Date	: 15/05/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	Analytical Date	: 15/05/68 - 21/05/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.8	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.10	≤1

Physical Appearance	: Yellow, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : P. Ra. (Miss Panida Ruamlarp) 23/05/68

Approved by : (Miss Sawittree Sukklom) 23/05/68

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6805391
Report No :6806-0460

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051354
Sampling Date : 15/05/2025**
Sampling Time : 12:10 PM**
Received Date : 16/05/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0040	≤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 : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6805391
Report No : 6806-0460

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 5)**	Sample No	: W 68051354
Sample Name	: Holding Pond**	Sampling Date	: 15/05/2025**
Sampling By	: ETC**	Sampling Time	: 12:10 PM**
Sampling Method	: Grab**	Received Date	: 16/05/2025
Tested Date	: 16/05/2025 - 06/06/2025	Reported Date	: 09/06/2025

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)	0.16	≤5
Mercury #	mg/L	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6805391
Report No :6806-0460

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 (Projcct 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051354
Sampling Date : 15/05/2025**
Sampling Time : 12:10 PM**
Received Date : 16/05/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/06/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/06/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6805391
Report No :6806- 0460

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 5)
Sample Name : Holding Pond
Sampling By : ETC
Sampling Method : Grab
Tested Date : 16/05/2025 - 06/06/2025
Sample No : W 68051354
Sampling Date : 15/05/2025
Sampling Time : 12:10 PM
Received Date : 16/05/2025
Reported Date : 09/06/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	110	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.56	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang

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Examined By : .....
(Miss Apiradee Chuen-arom)
09/06/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0460

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 5)	Sample No.	:	W 68051354
Sample Name	:	Holding Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

09/06/2025

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Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

09/06/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805391

TEST REPORT

Report No. 6806-0460

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 5)	Sample No.	:	W 68051354
Sample Name	:	Holding Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :
1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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Request No. W6805391

TEST REPORT

Report No. 6806-0460

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 5)	Sample No.	:	W 68051354
Sample Name	:	Holding Pond	Sampling Date	:	15/05/2025
Sampling By	:	ETC	Sampling Time	:	12:10 PM
Sampling Method	:	Grab	Received Date	:	16/05/2025
Tested Date	:	16/05/2025 – 06/06/2025	Reported Date	:	09/06/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

09/06/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บ่อปรับสภาพน้ำเสีย		
Sampling Date	: 05/06/68	**Report No.**	: 6806/R344
Sampling Time	: 01:50 PM	**Report Date**	: 23/06/68
Sample No.	: WW2093/68	**Received Date**	: 05/06/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 05/06/68 - 17/06/68

Item / Parameter	Unit	Method [1/]	Result	Standard
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	32	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	109	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.2	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	370	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	33.3	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	41	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	36	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.6	-

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :

(Miss Sawittree Sukklom)
ว-341-ค-0004
23/06/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บ่อปรับสภาพน้ำเสีย		
Sampling Date	: 05/06/68	**Report No.**	: 6806/R344
Sampling Time	: 01:50 PM	**Report Date**	: 23/06/68
Sample No.	: WW2093/68	**Received Date**	: 05/06/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 05/06/68 - 17/06/68

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.4	-
Free Chlorine	mg/L	Portable Photometer	0.00	-

Physical Appearance	: Yellow Turbid, Highly SS

Remark :

Review by : (Miss Panida Ruamlarp) 23/06/68

Approved by : (Miss Sawittree Sukklom) 23/06/68

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6806178
Report No :6807-0304

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060547
Sampling Date : 07/06/2025**
Sampling Time : 10:20 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0102	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤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)	0.07	≤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
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6806178
Report No : 6807-0304

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060547
Sampling Date : 07/06/2025**
Sampling Time : 10:20 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

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)	0.21	≤5
Mercury #	mg/L	Digestion, 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, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสถานีสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6806178
Report No :6807-0304

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 5)**
Sample Name : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060547
Sampling Date : 07/06/2025**
Sampling Time : 10:20 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0060	≤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)	0.21	≤5

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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 (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
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Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

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

Test Report

Request No :W6806178
Report No :6807- 0304

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 5)	Sample No	:	W 68060547
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 - 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.40	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	>160,000	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.55	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.8 L, G 2.5 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
05/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0304

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 5)	Sample No.	:	W 68060547
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

05/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0304

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 5)	Sample No.	:	W 68060547
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0304

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 5)	Sample No.	:	W 68060547
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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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. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss Nawarat Jittiruangkiart (ว-341-จ-0002)
Sampling Method : GRAB
Sampling Name : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent
Sampling Date : 05/06/68 **Report No.** : 6806/R346
Sampling Time : 02:11 PM **Report Date** : 23/06/68
Sample No. : WW2095/68 **Received Date** : 05/06/68
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 05/06/68 - 17/06/68

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)	7	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	45	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	770	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	17.0	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	12	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.5	≤1

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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.
รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004
23/06/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 05/06/68	**Report No.**	: 6806/R346
Sampling Time	: 02:11 PM	**Report Date**	: 23/06/68
Sample No.	: WW2095/68	**Received Date**	: 05/06/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 05/06/68 - 17/06/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.6	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.07	≤1

Physical Appearance : Yellow Turbid, Medium SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : (Miss Panida Ruamlarp) 23/06/68

Approved by : (Miss Sawittree Sukklom) 23/06/68

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6806178
Report No : 6807-0305

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025

Sample No : W 68060548
Sampling Date : 07/06/2025**
Sampling Time : 10:10 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0023	≤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 : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songphon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6806178
Report No :6807-0305

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060548
Sampling Date : 07/06/2025**
Sampling Time : 10:10 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

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	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songphon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6806178
Report No :6807-0305

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 5)**
Sample Name : Effluent Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060548
Sampling Date : 07/06/2025**
Sampling Time : 10:10 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songphon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806178

Report No :6807- 0305

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 5)

Sample Name : Effluent Pond

Sampling By : ETC

Sampling Method : Grab

Tested Date : 09/06/2025 - 04/07/2025

Sample No : W 68060548

Sampling Date : 07/06/2025

Sampling Time : 10:10 AM

Received Date : 09/06/2025

Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	2,300	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	79	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.91	-

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

2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

4. Sampling By Mr. Songpon Phiwuan

Examined By : .....

(Miss Apiradee Chuen-arom)
05/07/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0305

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 5)	Sample No.	:	W 68060548
Sample Name	:	Effluent Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

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Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0305

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 5)	Sample No.	:	W 68060548
Sample Name	:	Effluent Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0305

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 5)	Sample No.	:	W 68060548
Sample Name	:	Effluent Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart (ว-341-จ-0002)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 05/06/68	**Report No.**	: 6806/R345
Sampling Time	: 02:03 PM	**Report Date**	: 23/06/68
Sample No.	: WW2094/68	**Received Date**	: 05/06/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 05/06/68 - 17/06/68

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)	11	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	70	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.5	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	372	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	31.5	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/l as NH3-N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH3 C)	7	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	23	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	0.6	≤1

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and 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.

รายการทดสอบ Total Kjeldahl Nitrogen (TKN) ส่งตรวจวิเคราะห์ที่ บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved by :

(Miss Sawittree Sukklom)
ว-341-ค-0004
23/06/68

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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. Sriracha, Chonburi 20230 Thailand		
Sampling By	: Miss Nawarat Jittiruangkiart		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 05/06/68	**Report No.**	: 6806/R345
Sampling Time	: 02:03 PM	**Report Date**	: 23/06/68
Sample No.	: WW2094/68	**Received Date**	: 05/06/68
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L	**Analytical Date**	: 05/06/68 - 17/06/68

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.4	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.08	≤1

Physical Appearance : Yellow Turbid, Highly SS

Remark : [1/] Criteria of Pinthong's EIA Report and Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by : P. Da. (Miss Panida Ruamlarp) 23/06/68

Approved by : Saw (Miss Sawittree Sukklom) 23/06/68

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Test Report

Request No : W6806178

Report No : 6807-0306

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 5)**

Sample Name : Holding Pond**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 09/06/2025 - 04/07/2025

Sample No : W 68060549

Sampling Date : 07/06/2025**

Sampling Time : 10:00 AM**

Received Date : 09/06/2025

Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021	≤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 : yellowish, turbid, nonsmelling

2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

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

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

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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EASTERN THAI CONSULTING 1992 CO., LTD.

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6806178
Report No :6807-0306

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060549
Sampling Date : 07/06/2025**
Sampling Time : 10:00 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

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	Digestion, 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, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songphon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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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

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6806178
Report No :6807-0306

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 5)**
Sample Name : Holding Pond**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/06/2025 - 04/07/2025
Sample No : W 68060549
Sampling Date : 07/06/2025**
Sampling Time : 10:00 AM**
Received Date : 09/06/2025
Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/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 Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L [4 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songphon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
05/07/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806178

Report No :6807- 0306

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 5)

Sample Name : Holding Pond

Sampling By : ETC

Sampling Method : Grab

Tested Date : 09/06/2025 - 04/07/2025

Sample No : W 68060549

Sampling Date : 07/06/2025

Sampling Time : 10:00 AM

Received Date : 09/06/2025

Reported Date : 05/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	2,100	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	79	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.90	-

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

2. Container : Normal [PE 0.5 L [4 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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)
05/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0306

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 5)	Sample No.	:	W 68060549
Sample Name	:	Holding Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	****

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 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, 24th Edition, 2023.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

05/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

05/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0306

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 5)	Sample No.	:	W 68060549
Sample Name	:	Holding Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G10 based On EPA 525.3	<0.0001	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806178

TEST REPORT

Report No. 6807-0306

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 5)	Sample No.	:	W 68060549
Sample Name	:	Holding Pond	Sampling Date	:	07/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	09/06/2025
Tested Date	:	09/06/2025 – 04/07/2025	Reported Date	:	05/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

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

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 2.5 L]

Remark :

1. /1 Notification of the Ministry of Natural Resources and Environmental, B.E. 2559 (2016)
2. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR <0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)**	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.89	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0062	≤ 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)	7.6	≤ 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)	< 40	-
Chlorine (Residual) *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อนต. เขาคีนาครง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)**	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	7,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	61.3	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	4,900	-
Flow Rate *	m^3/day	Calculation Method	not available	-
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)	9.05	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance : 1. Sample : yellow, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)**	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.01	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.0	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	216	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อาคาร เจ้าหน้าที่ บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Nunnaphat Bakhuntod)

30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)**	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
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)	15	-
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)	0.32	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

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Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1427

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 5)	Sample No.	:	W68032093
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)**	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.34	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0027	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.7	≤ 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)	< 0.1	-

Physical Apperance :
1. Sample : yellow, lightly SS
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
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4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาชันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)**	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	54,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	17.8	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	2,800	-
Flow Rate *	m^3/day	Calculation Method	4,838	-
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)	0.96	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)**	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.35	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.3	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	℃	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	406	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)**	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
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)	15	-
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
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
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4. Miss Nunnaphat Bakhuntod is Technical Management.
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
30/04/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1428

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 5)	Sample No.	:	W68032094
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)**	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.35	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0051	≤ 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)	7.0	≤ 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	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)**	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	11,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	48.5	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	1,100	-
Flow Rate *	m^3/day	Calculation Method	337.0	-
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)	6.20	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)**	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.11	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	206	-

Physical Apperance :
1. Sample : yellow, lightly SS
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6803664

Report No. 6804-1429

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 5)**	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
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)	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)	0.10	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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 :
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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 :

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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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1429

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 5)	Sample No.	:	W68032095
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)**	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.18	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0033	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.2	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
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No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)**	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	17,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	13.6	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	700	-
Flow Rate *	m^3/day	Calculation Method	140.0	-
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)	3.20	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)**	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.84	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.3	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	180	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
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No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)**	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
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)	51	-
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)	0.11	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

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Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS
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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan

Examined By.....
(Miss Apiradee Chuen-arom)
30/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1430

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 5)	Sample No.	:	W68032096
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)**	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.54	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0038	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.9	≤ 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	-

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะที่ 1 ประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)**	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	15.6	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	160,000	-
Flow Rate *	m^3/day	Calculation Method	2,246	-
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)	3.72	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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LABORATORY ACCREDITATION BLA-DSS
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No.0159

Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)**	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.01	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.1	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	0.0074	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	212	-

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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TEST REPORT

Report No. 6804-1431

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 5)**	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	28/03/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard /1
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)	120	-
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)	0.07	≤ 1

Physical Apperance :
1. Sample : yellow, turbid
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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Examined By.....
(Miss Nunnaphat Bakhuntod)
30/04/2025

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Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, turbid

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
30/04/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6803664

TEST REPORT

Report No. 6804-1431

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 5)	Sample No.	:	W68032097
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	28/03/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	29/03/2025
Tested Date	:	29/03/2025 – 23/04/2025	Reported Date	:	30/04/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/04/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)**	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.24	-
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)	0.14	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)**	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	12.6	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	13,000	-
Flow Rate *	m^3/day	Calculation Method	6,912	-
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)	3.92	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance : 1. Sample : yellow, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง บริเวณจุดสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)**	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.86	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	186	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)**	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:25 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	27	-
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)	0.04	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
5. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....

(Miss Apiradee Chuen-arom)

01/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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Request No. W6805683

TEST REPORT

Report No. 6807-0032

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 5)	Sample No.	:	W68052348
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:25 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)**	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.14	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0021	≤ 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)	8.2	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)**	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	14.6	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	3,300	-
Flow Rate *	m^3/day	Calculation Method	8,640	-
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)	3.84	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
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Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)**	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.82	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	192	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณฉนวนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)**	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	35	-
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)	0.08	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....

(Miss Apiradee Chuen-arom)

01/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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Request No. W6805683

TEST REPORT

Report No. 6807-0033

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 5)	Sample No.	:	W68052349
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
5. Sampling By Mr. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)**	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.08	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0025	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.2	≤ 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	-

Physical Apperance :
1. Sample : yellowish, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)**	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	17.6	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	92,000	-
Flow Rate *	m^3/day	Calculation Method	4,320	-
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)	2.66	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellowish, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)**	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.63	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	℃	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	149	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)**	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	38	-
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 : yellowish, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
5. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....

(Miss Apiradee Chuen-arom)

01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Request No. W6805683

TEST REPORT

Report No. 6807-0034

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 5)	Sample No.	:	W68052350
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)**	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:20 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.07	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0021	≤ 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)	6.2	≤ 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)	not available	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)**	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:20 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	92,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	14.2	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	7,900	-
Flow Rate *	m^3/day	Calculation Method	5,184	-
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)	3.51	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.

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Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)**	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:20 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.82	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	178	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. ** These data are non laboratory data.

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Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)**	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:20 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	35	-
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)	0.06	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
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Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:20 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

01/07/2025

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Request No. W6805683

TEST REPORT

Report No. 6807-0035

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 5)	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	30/05/2025
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Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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Sampling Source	:	Surface Water (Pinthong Project 5)	Sample No.	:	W68052351
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:20 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. Sampling By Mr. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0036

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 5)**	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.33	-
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)	0.14	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 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)	not available	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Suphararerk Phatklang*
8. ** These data are non laboratory data.
9. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6805683

TEST REPORT

Report No. 6807-0036

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 5)**	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	92,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	12.3	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	7,900	-
Flow Rate *	m^3/day	Calculation Method	6,912	-
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)	3.80	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0036

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 5)**	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.87	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	186	-

Physical Apperance :
1. Sample : yellow, lightly SS
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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9. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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LABORATORY ACCREDITATION
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No.0159
Request No. W6805683

TEST REPORT

Report No. 6807-0036

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 5)**	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	30/05/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	33	-
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)	0.11	≤ 1

Physical Apperance :
1. Sample : yellow, lightly SS
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 :
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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Examined By.....
(Miss Nunnaphat Bakhuntod)
01/07/2025

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TEST REPORT

Report No. 6807-0036

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 5)	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
5. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....

(Miss Apiradee Chuen-arom)

01/07/2025

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Request No. W6805683

TEST REPORT

Report No. 6807-0036

Customer	:	Pinthong Industrial Park Public Company Limited			
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Sampling Source	:	Surface Water (Pinthong Project 5)	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
4. Sampling By Mr. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6805683

TEST REPORT

Report No. 6807-0036

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 5)	Sample No.	:	W68052352
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	30/05/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	31/05/2025
Tested Date	:	31/05/2025 – 23/06/2025	Reported Date	:	01/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
5. Sampling By Mr. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

01/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1454

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 5)**	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.63	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0023	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1454

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 5)**	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	34.1	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	1,700	-
Flow Rate *	m^3/day	Calculation Method	not available	-
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)	2.65	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1454

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 5)**	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.61	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.1	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	147	-

Physical Apperance :
1. Sample : yellow, lightly SS
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 :
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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Examined By.....
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23/07/2025

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Sampling Source	:	Surface Water (Pinthong Project 5)**	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	62	-
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
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 :
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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Report No. 6807-1454

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 5)	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS
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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
23/07/2025

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เว็บไซต์ : http://www.etc1992.com อี-เมล์ : info@etc1992.com

ACCREDITED LABORATORY ISO/IEC 17025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1454

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 5)	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard[/1]
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6806654

TEST REPORT

Report No. 6807-1454

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 5)	Sample No.	:	W68061985
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1455

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 5)**	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0028	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	<2.0	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

Report No. 6807-1455

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 5)**	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	16.5	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	4,600	-
Flow Rate *	m^3/day	Calculation Method	1,123	-
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)	3.14	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

Report No. 6807-1455

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 5)**	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.02	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	6.9	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	184	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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No.0159

Request No. W6806654

Report No. 6807-1455

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 5)**	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:10 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	14	-
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
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
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6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1455

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 5)	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
23/07/2025

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Request No. W6806654

TEST REPORT

Report No. 6807-1455

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 5)	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6806654

TEST REPORT

Report No. 6807-1455

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 5)	Sample No.	:	W68061986
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:10 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
5. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)**	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	9:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.44	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0061	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.2	≤ 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	-

Physical Apperance : 1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)**	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	9:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	30.3	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	17,000	-
Flow Rate *	m^3/day	Calculation Method	469.0	-
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)	12.3	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)**	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	9:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.93	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.2	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	148	-

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง ๑๙๙๒ จำกัด

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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

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)**	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	9:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	101	-
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, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, turbid
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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Apiradee Chuen-arom)
23/07/2025

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Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1456

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 5)	Sample No.	:	W68061987
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
5. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1457

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 5)**	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.92	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0089	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 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	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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TEST REPORT

Report No. 6807-1457

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 5)**	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	25.7	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	2,300	-
Flow Rate *	m^3/day	Calculation Method	1,301	-
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)	3.09	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

Report No. 6807-1457

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 5)**	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.86	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.1	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	180	-

Physical Apperance :
1. Sample : yellow, lightly SS
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1457

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 5)**	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	37	-
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
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1457

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 5)	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, lightly SS

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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan

Examined By.....

(Miss Apiradee Chuen-arom)

23/07/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1457

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 5)	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1457

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 5)	Sample No.	:	W68061988
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, lightly SS

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)**	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 24/07/2025	Reported Date	:	24/07/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.91	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0080	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.3	≤ 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	-

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)**	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 24/07/2025	Reported Date	:	24/07/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	19.8	ธ
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
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	92,000	-
Flow Rate *	m^3/day	Calculation Method	not available	-
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)	6.50	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.010	≤ 0.05

Physical Apperance :
1. Sample : yellow, turbid
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
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3. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)**	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 24/07/2025	Reported Date	:	24/07/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.18	≤ 1
Mercury #	mg/L	Digestion, 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
Oil and Grease *	mg/L	Liquid – Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	-
pH (on site) *		Electrometric Method	7.2	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	< 0.0020	-
Sulfide *	mg/L as H_2S	ZnS Precipitation,Iodometric Method (SM:4500-S2-F)	< 0.50	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	188	-

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION BLA-DSS
TESTING
No.0159

Request No. W6806654

Report No. 6807-1458

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 5)**	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	27/06/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 24/07/2025	Reported Date	:	24/07/2025

Parameter	Unit	Method	Result	Standard /1
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)	93	-
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)	0.07	≤ 1

Physical Apperance :
1. Sample : yellow, turbid
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. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
4. Miss Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
5. ธ = เป็นไปตามธรรมชาติ / ธ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
   Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.2
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 0.1
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.050	Not Detected	***
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	≤ 1.0
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-

Physical Apperance : 1. Sample : yellow, turbid
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, 24th Edition, 2023.
4. *** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Apiradee Chuen-arom)
23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard/1
SVOCs ***				
- Phenol	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 2-Methylphenol (o-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-
- 4-Methylphenol (p-Cresol)	mg/L	In-house No. G 10 based On EPA 525.3	<0.0001	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by Analytical Laboratory Service Co.,Ltd.
3. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6806654

TEST REPORT

Report No. 6807-1458

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 5)	Sample No.	:	W68061989
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	27/06/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	28/06/2025
Tested Date	:	28/06/2025 – 23/07/2025	Reported Date	:	23/07/2025

Parameter	Unit	Method	Result	Standard[/1]
TAR ***	mg/L	Gas Chromatographic (FID) Method (U.S.EPA 2003:8015D)	ND	-

Physical Apperance : 1. Sample : yellow, turbid

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. *** Tested by United Analyst and Engineering Consultant Co.,Ltd.
3. ND = Not Detected (TAR < 0.500 mg/L)
4. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
5. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

23/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6802585
Report No : 6803-0620

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 5)**
Sample Name : พื้นที่โครงการด้านทิศเหนือ (UW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021653
Sampling Date : 26/02/2025**
Sampling Time : 9:15 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0022	≤0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.32	-
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, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803-0620

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 5)**
Sample Name : พื้นที่โครงการด้านทิศเหนือ (UW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021653
Sampling Date : 26/02/2025**
Sampling Time : 9:15 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductivcly Coupled Plasma Method (SM:3030F, 3120B)	0.20	≤0.5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel *	mg/L	Digestion, Inductivcly Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤0.02
pH (on site) *		Electrometric Method	6.1	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802585
Report No : 6803-0620

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 5)**	Sample No	:	W 68021653
Sample Name	:	พื้นที่โครงการด้านทิศเหนือ (UW1)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	9:15 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

Parameter	Unit	Method	Result	Standard/1
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
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)	0.39	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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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(ว-003-ค-0007)
13/03/2025

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LABORATORY ACCREDITATION
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No.0159

Test Report

Request No :W6802585
Report No :6803- 0620

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 5)**
Sample Name : พื้นที่โครงการด้านทิศเหนือ (UW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021653
Sampling Date : 26/02/2025**
Sampling Time : 9:15 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

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)	55.4	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	330	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	2.18	-
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)	< 0.50	-

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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6. ** = These data are non laboratory data. / LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected

Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6802585
Report No : 6803- 0620

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 5)**
Sample Name : พื้นที่โครงการด้านทิศเหนือ (UW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021653
Sampling Date : 26/02/2025**
Sampling Time : 9:15 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	64.0	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	21.7	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	35.3	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	24.6	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	3,400	-

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6802585
Report No : 6803- 0620

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 5)**	Sample No	:	W 68021653
Sample Name	:	พื้นที่โครงการด้านทิศเหนือ (UW1)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	9:15 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	216	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	20.7	-

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark :
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803-0621

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันออก (UW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021654
Sampling Date : 26/02/2025**
Sampling Time : 9:30 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043	≤0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.56	-
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 : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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(ว-003-ค-0007)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802585
Report No : 6803-0621

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันออก (UW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021654
Sampling Date : 26/02/2025**
Sampling Time : 9:30 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	≤0.5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤0.02
pH (on site) *		Electrometric Method	6.3	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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13/03/2025

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LABORATORY ACCREDITATION
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Test Report

Request No : W6802585
Report No : 6803-0621

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันออก (UW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021654
Sampling Date : 26/02/2025**
Sampling Time : 9:30 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Mcthod; 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 Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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Test Report

Request No :W6802585
Report No :6803- 0621

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 5)**	Sample No	: W 68021654
Sample Name	: พื้นที่โครงการด้านทิศตะวันออก (UW2)**	Sampling Date	: 26/02/2025**
Sampling By	: ETC**	Sampling Time	: 9:30 AM**
Sampling Method	: Grab**	Received Date	: 27/02/2025
Tested Date	: 27/02/2025 - 07/03/2025	Reported Date	: 13/03/2025

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)	40.4	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	3,300	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	4.50	-
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)	< 0.50	-

Physical Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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6. ** = These data are non laboratory data. / LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected

Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803- 0621

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันออก (UW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021654
Sampling Date : 26/02/2025**
Sampling Time : 9:30 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Hardness *	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	42.0	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	9.74	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	21.2	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	15.1	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	8,400	-

Physical Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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3. Parameter Outside The Scope of The Registration of Department of Industrial Works
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6. ** = These data are non laboratory data. / LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected

Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803- 0621

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 5)**	Sample No	:	W 68021654
Sample Name	:	พื้นที่โครงการด้านทิศตะวันออก (UW2)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	162	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	1,270	-

Physical Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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6. ** = These data are non laboratory data. / LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected

Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803-0622

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันตก (UW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021655
Sampling Date : 26/02/2025**
Sampling Time : 10:20 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0254	≤0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.70	-
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, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6802585
Report No : 6803-0622

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันตก (UW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021655
Sampling Date : 26/02/2025**
Sampling Time : 10:20 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.42	≤0.5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	≤0.02
pH (on site) *		Electrometric Method	6.4	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0031	≤0.01

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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)
(ว-003-ค-0007)
13/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803-0622

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันตก (UW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021655
Sampling Date : 26/02/2025**
Sampling Time : 10:20 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
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)	0.07	≤5

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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13/03/2025

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No.0159

Test Report

Request No :W6802585
Report No :6803- 0622

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันตก (UW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021655
Sampling Date : 26/02/2025**
Sampling Time : 10:20 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

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)	42.4	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	3,300	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	2.82	-
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)	< 0.50	-

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803- 0622

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 5)**
Sample Name : พื้นที่โครงการด้านทิศตะวันตก (UW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021655
Sampling Date : 26/02/2025**
Sampling Time : 10:20 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

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)	< 0.03	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	4.49	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	6.00	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	9.93	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	2,100	-

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , 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)
13/03/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6802585
Report No :6803- 0622

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 5)**	Sample No	:	W 68021655
Sample Name	:	พื้นที่โครงการด้านทิศตะวันตก (UW3)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	196	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	228	-

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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6. ** = These data are non laboratory data. / LOQ = Level of Quantitation [LOQ of E.coli = 1.8 MPN:100 mL] / ND = Not Detected

Examined By : .....
(Miss Nunnaphat Bakhuntod)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802585
Report No : 6803-0623

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 5)**	Sample No	:	W 68021656
Sample Name	:	พื้นที่โครงการด้านทิศใต้ (UW4)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	9:40 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

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)	0.36	-
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
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

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Approved By : .....
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(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802585
Report No : 6803-0623

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 5)**
Sample Name : พื้นที่โครงการด้านทิศใต้ (UW4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021656
Sampling Date : 26/02/2025**
Sampling Time : 9:40 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤0.5
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	≤0.02
pH (on site) *		Electrometric Method	6.3	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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-ค-0031)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802585
Report No :6803-0623

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 5)**
Sample Name : พื้นที่โครงการด้านทิศใต้ (UW4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021656
Sampling Date : 26/02/2025**
Sampling Time : 9:40 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
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)	0.28	≤5

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/03/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6802585
Report No : 6803- 0623

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 5)**
Sample Name : พื้นที่โครงการด้านทิศใต้ (UW4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021656
Sampling Date : 26/02/2025**
Sampling Time : 9:40 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

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)	67.1	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	4,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	64.1	-
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	ND	-
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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6. ** = These data are non laboratory data. / 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)
13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803- 0623

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 5)**
Sample Name : พื้นที่โครงการด้านทิศใต้ (UW4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 07/03/2025
Sample No : W 68021656
Sampling Date : 26/02/2025**
Sampling Time : 9:40 AM**
Received Date : 27/02/2025
Reported Date : 13/03/2025

Parameter	Unit	Method	Result	Standard/1
Hardness *	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	44.0	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	0.85	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	13.3	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	8.34	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	1,200	-

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , 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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13/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802585
Report No :6803- 0623

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 5)**	Sample No	:	W 68021656
Sample Name	:	พื้นที่โครงการด้านทิศใต้ (UW4)**	Sampling Date	:	26/02/2025**
Sampling By	:	ETC**	Sampling Time	:	9:40 AM**
Sampling Method	:	Grab**	Received Date	:	27/02/2025
Tested Date	:	27/02/2025 - 07/03/2025	Reported Date	:	13/03/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	302	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	1,054	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L(4 Bottle) , 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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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802586
Report No :6803-1142

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 5)**
Sample Name : บ้านเฉลิมพระเกียรติ (GW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021657
Sampling Date : 26/02/2025**
Sampling Time : 8:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	None
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	-
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	None
Chloride #	mg/L as Cl_2	Argentometric Method (SM:4500-Cl- B)	51.7	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	700	Less than2.2

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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Examined By : .....
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Test Report

Request No :W6802586
Report No :6803-1142

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 5)**
Sample Name : บ้านเฉลิมพระเกียรติ (GW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021657
Sampling Date : 26/02/2025**
Sampling Time : 8:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	2.12	≤5
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	13	None
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	≤0.7
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	76.0	≤300
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤0.5

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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24/03/2025

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Test Report

Request No :W6802586
Report No :6803-1142

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 5)**
Sample Name : บ้านเฉลิมพระเกียรติ (GW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021657
Sampling Date : 26/02/2025**
Sampling Time : 8:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	None
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	≤0.3
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	None
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	14.2	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	30.5	≤200

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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24/03/2025

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Report No :6803-1142

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 5)**
Sample Name : บ้านเฉลิมพระเกียรติ (GW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025

Sample No : W 68021657
Sampling Date : 26/02/2025**
Sampling Time : 8:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Electrometric Method	6.2	7.0-8.5
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	None
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	16.8	≤200
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	450	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	239	≤600

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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Sampling Source : Pinthong Industrial Park (Project 5)**
Sample Name : บ้านเฉลิมพระเกียรติ (GW1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021657
Sampling Date : 26/02/2025**
Sampling Time : 8:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

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	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	0.79	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards , Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
24/03/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6802586
Report No :6803-1143

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 5)**
Sample Name : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021658
Sampling Date : 26/02/2025**
Sampling Time : 10:00 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.10	-
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	None
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	-
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	None
Chloride #	mg/L as Cl_2	Argentometric Method (SM:4500-Cl- B)	54.7	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	330	Less than2.2

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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Request No :W6802586
Report No :6803-1143

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 5)**
Sample Name : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021658
Sampling Date : 26/02/2025**
Sampling Time : 10:00 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	2.12	≤5
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	None
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	≤0.7
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	74.0	≤300
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤0.5

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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Report No :6803-1143

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 5)**
Sample Name : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021658
Sampling Date : 26/02/2025**
Sampling Time : 10:00 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	None
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	≤0.3
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	None
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	12.2	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	26.5	≤200

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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Sampling Source : Pinthong Industrial Park (Project 5)**
Sample Name : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025

Sample No : W 68021658
Sampling Date : 26/02/2025**
Sampling Time : 10:00 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Electrometric Method	6.2	7.0-8.5
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	None
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	17.7	≤200
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	620	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	237	≤600

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

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Test Report

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Report No :6803-1143

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 5)**
Sample Name : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021658
Sampling Date : 26/02/2025**
Sampling Time : 10:00 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

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	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	1.29	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6802586
Report No :6803-1144

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 5)** Sample No : W 68021659
Sample Name : บ้านห้วยตาเกล้า (GW3)** Sampling Date : 26/02/2025**
Sampling By : ETC** Sampling Time : 10:45 AM**
Sampling Method : Grab** Received Date : 27/02/2025
Tested Date : 27/02/2025 - 17/03/2025 Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	-
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0054	None
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	-
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.007	None
Chloride #	mg/L as Cl_2	Argentometric Method (SM:4500-Cl- B)	74.9	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	130	Less than2.2

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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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 5)**
Sample Name : บ้านห้วยตาเกล้า (GW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021659
Sampling Date : 26/02/2025**
Sampling Time : 10:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.50	≤5
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	2.0	None
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	≤0.7
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	96.0	≤300
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	≤0.5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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Test Report

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Report No : 6803-1144

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 5)**
Sample Name : บ้านห้วยตาเกล้า (GW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025

Sample No : W 68021659
Sampling Date : 26/02/2025**
Sampling Time : 10:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	None
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤0.3
Mercury #	mg/L	Digestion, Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	None
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	21.2	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	36.6	≤200

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
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Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**
Sampling Source : Pinthong Industrial Park (Projcct 5)**
Sample Name : บ้านห้วยตาเกล้า (GW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021659
Sampling Date : 26/02/2025**
Sampling Time : 10:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Elcctromctric Method	7.3	7.0-8.5
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0149	None
Silver *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	37.1	≤200
Temperature *	°C	Laboratory and Ficld Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	550	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	262	≤600

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
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 *

Examined By : .....
(Miss Nunnaphat Bakhuntod)
24/03/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6802586
Report No :6803-1144

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 5)**
Sample Name : บ้านห้วยตาเกล้า (GW3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/02/2025 - 17/03/2025
Sample No : W 68021659
Sampling Date : 26/02/2025**
Sampling Time : 10:45 AM**
Received Date : 27/02/2025
Reported Date : 24/03/2025

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	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	4.39	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 2.0 L , G 0.25 L]

Remark : 1. /1 Drinking Water from Deep Wells Quality Standards ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
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 *

Examined By : .....
(Miss Nunnaphat Bakhuntod)
24/03/2025

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Request No. W6804011

Report No. 6804-1018

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 5)	Sample No.	:	W68040026
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:45 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Oscillatoria sp.	cell/L	Counting Chamber	1,956
Division Chlorophyta			
Closterium sp.	cell/L	Counting Chamber	13
Cosmarium sp.	cell/L	Counting Chamber	20
Eudorina sp.	cell/L	Counting Chamber	13
Euglena sp.	cell/L	Counting Chamber	268
Lepocinclis sp.	cell/L	Counting Chamber	80
Pediastrum sp.	cell/L	Counting Chamber	7
Phacus sp.	cell/L	Counting Chamber	446
Scenedesmus sp.	cell/L	Counting Chamber	7
Staurastrum sp.	cell/L	Counting Chamber	120
Strombomonas sp.	cell/L	Counting Chamber	67
Trachelomonas sp.	cell/L	Counting Chamber	335
Division Chromophyta			
Craticula sp.	cell/L	Counting Chamber	7
Gomphonema sp.	cell/L	Counting Chamber	13
Navicula sp.	cell/L	Counting Chamber	107
Nitzschia sp.	cell/L	Counting Chamber	7
Pinnularia sp.	cell/L	Counting Chamber	13
Total Genus	-		**17**
Total Phytoplankton	**cell/L**		**3,479**
Diversity Index	-		**1.56**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 1)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1018

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 5)	Sample No.	:	W68040026
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:45 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Euglypha sp.	ind./L	Counting Chamber	7
Zoothamnium sp.	ind./L	Counting Chamber	27
Phylum Rotifera			
Lecane sp.	ind./L	Counting Chamber	7

Total Genus	-	**3**
Total Zooplankton	**ind./L**	**41**
Diversity Index	-	**0.88**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 1)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1018

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 5)	Sample No.	:	W68040026
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:45 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	104

Total Genus	-	**1**
Total Benthos	**ind./m^2**	**104**
Diversity Index	-	**0.00**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 1)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1018

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 5)	Sample No.	:	W68040026
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:45 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	-	-	-	ND	-

Total Genus	-
Total Aquatic animal	**ND**
Diversity Index	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark :

1. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 1)
2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University
3. ND = Not Detected

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Examined By.....

(Miss Apiradee Chuen-arom)

23/04/ 2025

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Request No. W6804011

Report No. 6804-1019

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 5)	Sample No.	:	W68040027
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Merismopedia sp.	cell/L	Counting Chamber	150
Oscillatoria sp.	cell/L	Counting Chamber	159
Raphidiopsis sp.	cell/L	Counting Chamber	9
Division Chlorophyta			
Closterium sp.	cell/L	Counting Chamber	19
Crucigenia sp.	cell/L	Counting Chamber	131
Euglena sp.	cell/L	Counting Chamber	6,171
Lepocinclis sp.	cell/L	Counting Chamber	11,594
Pediastrum sp.	cell/L	Counting Chamber	112
Phacus sp.	cell/L	Counting Chamber	10,285
Scenedesmus sp.	cell/L	Counting Chamber	3,001
Strombomonas sp.	cell/L	Counting Chamber	5,096
Tetraedron sp.	cell/L	Counting Chamber	9
Trachelomonas sp.	cell/L	Counting Chamber	4,890
Division Chromophyta			
Craticula sp.	cell/L	Counting Chamber	9
Navicula sp.	cell/L	Counting Chamber	9
Nitzschia sp.	cell/L	Counting Chamber	3,179
Peridinium sp.	cell/L	Counting Chamber	19
Total Genus	-		**17**
Total Phytoplankton	**cell/L**		**44,842**
Diversity Index	-		**1.90**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 2)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1019

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 5)	Sample No.	:	W68040027
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Euglypha sp.	ind./L	Counting Chamber	19
Zoothamnium sp.	ind./L	Counting Chamber	28
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	47
Asplanchna sp.	ind./L	Counting Chamber	9
Brachionus sp.	ind./L	Counting Chamber	75
Cephalodella sp.	ind./L	Counting Chamber	47
Lecane sp.	ind./L	Counting Chamber	112
Philodina sp.	ind./L	Counting Chamber	9
Polyarthra sp.	ind./L	Counting Chamber	37
Rotaria sp.	ind./L	Counting Chamber	28
Trichocerca sp.	ind./L	Counting Chamber	9
Phylum Arthropoda			
Calanoid copepod	ind./L	Counting Chamber	9
Copepod nauplius	ind./L	Counting Chamber	168
Total Genus	-		**13**
Total Zooplankton	**ind./L**		**597**
Diversity Index	-		**2.15**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 2)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6804011

Report No. 6804-1019

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 5)	Sample No.	:	W68040027
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	193
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	30
Phylum Mollusca			
Family Thiaridae			
Tarebia sp. (หอยเจดีย์)	ind./m^2	Counting Chamber	119

Total Genus	-	**3**
Total Benthos	**ind./m^2**	**342**
Diversity Index	-	**0.90**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 2)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1019

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 5)	Sample No.	:	W68040027
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	Trichopodus trichopterus	ปลากระดี่หม้อ	1	ตัว
	Zenarchoperidae	Dermogenys siamensis	ปลาเข็ม	1	ตัว
	Cichlidae	*Oreochromis niloticus*	ปลานิล	8	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	9	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	1	ตัว
		Systomus rubripinnus	ปลาแก้มช้ำ	1	ตัว

Total Genus	**6**	-
Total Aquatic animal	**21**	**ตัว**
Diversity Index	**1.31**	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (BIO 2)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By.....

(Miss Apiradee Chuen-arom)

23/04/ 2025

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Request No. W6804011

Report No. 6804-1020

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 5)	Sample No.	:	W68040028
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Merismopedia sp.	cell/L	Counting Chamber	8
Oscillatoria sp.	cell/L	Counting Chamber	5,216
Division Chlorophyta			
Actinastrum sp.	cell/L	Counting Chamber	293
Ankistrodesmus sp.	cell/L	Counting Chamber	8
Closterium sp.	cell/L	Counting Chamber	8
Crucigenia sp.	cell/L	Counting Chamber	163
Dictyosphaerium sp.	cell/L	Counting Chamber	24
Eudorina sp.	cell/L	Counting Chamber	16
Euglena sp.	cell/L	Counting Chamber	456
Lepocinclis sp.	cell/L	Counting Chamber	774
Pandorina sp.	cell/L	Counting Chamber	179
Pediastrum sp.	cell/L	Counting Chamber	8
Phacus sp.	cell/L	Counting Chamber	16,626
Scenedesmus sp.	cell/L	Counting Chamber	2,600
Selenastrum sp.	cell/L	Counting Chamber	228
Strombomonas sp.	cell/L	Counting Chamber	310
Tetraedron sp.	cell/L	Counting Chamber	24
Trachelomonas sp.	cell/L	Counting Chamber	11,899

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Report No. 6804-1020

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 5)	Sample No.	:	W68040028
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chromophyta			
Navicula sp.	cell/L	Counting Chamber	122
Nitzschia sp.	cell/L	Counting Chamber	163
Peridinium sp.	cell/L	Counting Chamber	5,053

Total Genus	-	**21**
Total Phytoplankton	**cell/L**	**44,178**
Diversity Index	-	**1.70**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

(Miss Apiradee Chuen-arom)

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Report No. 6804-1020

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 5)	Sample No.	:	W68040028
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	24
Coleps sp.	ind./L	Counting Chamber	5,705
Difflugia sp.	ind./L	Counting Chamber	16
Prorodon sp.	ind./L	Counting Chamber	16
Vorticella sp.	ind./L	Counting Chamber	8
Zoothamnium sp.	ind./L	Counting Chamber	163
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	33
Asplanchna sp.	ind./L	Counting Chamber	8
Cephalodella sp.	ind./L	Counting Chamber	16
Dipleuchlanis sp.	ind./L	Counting Chamber	8
Lecane sp.	ind./L	Counting Chamber	8
Lepadella sp.	ind./L	Counting Chamber	16
Mytilina sp.	ind./L	Counting Chamber	8
Polyarthra sp.	ind./L	Counting Chamber	228
Phylum Arthropoda			
Calanoid copepod	ind./L	Counting Chamber	57
Copepod nauplius	ind./L	Counting Chamber	587
Total Genus	-		**16**
Total Zooplankton	**ind./L**		**6,901**
Diversity Index	-		**0.75**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Report No. 6804-1020

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 5)	Sample No.	:	W68040028
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	60
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	15
Total Genus	-		**2**
Total Benthos	**ind./m^2**		**75**
Diversity Index	-		**0.50**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1020

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 5)	Sample No.	:	W68040028
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Cichlidae	*Oreochromis niloticus*	ปลานิล	3	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	6	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	1	ตัว

Total Genus	**3**	-
Total Aquatic animal	**10**	ตัว
Diversity Index	**0.90**	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By.....

(Miss Apiradee Chuen-arom)

23/04/ 2025

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Request No. W6804011

Report No. 6804-1021

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 5)	Sample No.	:	W68040029
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Cylindrospermum sp.	cell/L	Counting Chamber	21
Oscillatoria sp.	cell/L	Counting Chamber	298
Division Chlorophyta			
Ankistrodesmus sp.	cell/L	Counting Chamber	32
Closterium sp.	cell/L	Counting Chamber	11
Cosmarium sp.	cell/L	Counting Chamber	21
Dictyosphaerium sp.	cell/L	Counting Chamber	21
Eudorina sp.	cell/L	Counting Chamber	21
Euglena sp.	cell/L	Counting Chamber	5,751
Lepocinclis sp.	cell/L	Counting Chamber	3,834
Pandorina sp.	cell/L	Counting Chamber	21
Pediastrum sp.	cell/L	Counting Chamber	117
Phacus sp.	cell/L	Counting Chamber	4,047
Scenedesmus sp.	cell/L	Counting Chamber	3,195
Selenastrum sp.	cell/L	Counting Chamber	213
Spirogyra sp.	cell/L	Counting Chamber	11
Strombomonas sp.	cell/L	Counting Chamber	2,256
Trachelomonas sp.	cell/L	Counting Chamber	9,372

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6804011

Report No. 6804-1021

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 5)	Sample No.	:	W68040029
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chromophyta			
Eunotia sp.	cell/L	Counting Chamber	43
Gomphonema sp.	cell/L	Counting Chamber	11
Gyrosigma sp.	cell/L	Counting Chamber	341
Hantzschia sp.	cell/L	Counting Chamber	170
Navicula sp.	cell/L	Counting Chamber	11
Nitzschia sp.	cell/L	Counting Chamber	117
Peridinium sp.	cell/L	Counting Chamber	181
Surirella sp.	cell/L	Counting Chamber	138

Total Genus	-	**25**
Total Phytoplankton	**cell/L**	**30,254**
Diversity Index	-	**1.95**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Report No. 6804-1021

TEST REPORT

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Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	11
Coleps sp.	ind./L	Counting Chamber	43
Euglypha sp.	ind./L	Counting Chamber	21
Vorticella sp.	ind./L	Counting Chamber	21
Zoothamnium sp.	ind./L	Counting Chamber	11
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	11
Asplanchna sp.	ind./L	Counting Chamber	11
Brachionus sp.	ind./L	Counting Chamber	21
Polyarthra sp.	ind./L	Counting Chamber	128
Phylum Arthropoda			
Copepod nauplius	ind./L	Counting Chamber	224

Total Genus	-	**10**
Total Zooplankton	**ind./L**	**502**
Diversity Index	-	**1.65**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Request No. W6804011

Report No. 6804-1021

TEST REPORT

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Sampling Source	:	Pinthong Industrial Park (Project 5)	Sample No.	:	W68040029
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	267
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	15
Total Genus	-		**2**
Total Benthos	**ind./m^2**		**282**
Diversity Index	-		**0.21**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Cichlidae	*Oreochromis niloticus*	ปลานิล	4	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	9	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	3	ตัว
		Systomus rubripinnus	ปลาแก้มช้ำ	5	ตัว

Total Genus	**4**	-
Total Aquatic animal	**21**	ตัว
Diversity Index	**1.30**	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Request No. W6804011

Report No. 6804-1022

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 5)	Sample No.	:	W68040030
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Oscillatoria sp.	cell/L	Counting Chamber	1,401
Division Chlorophyta			
Actinastrum sp.	cell/L	Counting Chamber	35
Closterium sp.	cell/L	Counting Chamber	17
Cosmarium sp.	cell/L	Counting Chamber	173
Crucigenia sp.	cell/L	Counting Chamber	17
Euglena sp.	cell/L	Counting Chamber	234
Lepocinclis sp.	cell/L	Counting Chamber	822
Pandorina sp.	cell/L	Counting Chamber	9
Pediastrum sp.	cell/L	Counting Chamber	9
Phacus sp.	cell/L	Counting Chamber	692
Scenedesmus sp.	cell/L	Counting Chamber	519
Spirogyra sp.	cell/L	Counting Chamber	164
Strombomonas sp.	cell/L	Counting Chamber	260
Trachelomonas sp.	cell/L	Counting Chamber	2,076

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (BIO 5)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Report No. 6804-1022

TEST REPORT

Customer	:	Pinthong Industrial Park Public Company Limited			
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Sampling Source	:	Pinthong Industrial Park (Project 5)	Sample No.	:	W68040030
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chromophyta			
Eunotia sp.	cell/L	Counting Chamber	17
Fragilaria sp.	cell/L	Counting Chamber	718
Gyrosigma sp.	cell/L	Counting Chamber	43
Navicula sp.	cell/L	Counting Chamber	87
Nitzschia sp.	cell/L	Counting Chamber	17
Peridinium sp.	cell/L	Counting Chamber	104
Pinnularia sp.	cell/L	Counting Chamber	26
Surirella sp.	cell/L	Counting Chamber	147
Synedra sp.	cell/L	Counting Chamber	779
Total Genus	-		**23**
Total Phytoplankton	**cell/L**		**8,366**
Diversity Index	-		**2.35**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (BIO 5)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Report No. 6804-1022

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Sampling Source	:	Pinthong Industrial Park (Project 5)	Sample No.	:	W68040030
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Coleps sp.	ind./L	Counting Chamber	9
Difflugia sp.	ind./L	Counting Chamber	9
Euglypha sp.	ind./L	Counting Chamber	17
Euplotes sp.	ind./L	Counting Chamber	9
Vorticella sp.	ind./L	Counting Chamber	17
Zoothamnium sp.	ind./L	Counting Chamber	35
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	52
Asplanchna sp.	ind./L	Counting Chamber	9
Brachionus sp.	ind./L	Counting Chamber	26
Cephalodella sp.	ind./L	Counting Chamber	26
Lecane sp.	ind./L	Counting Chamber	26
Polyarthra sp.	ind./L	Counting Chamber	87
Phylum Arthropoda			
Calanoid copepod	ind./L	Counting Chamber	9
Copepod nauplius	ind./L	Counting Chamber	78

Total Genus	-	**14**
Total Zooplankton	**ind./L**	**409**
Diversity Index	-	**2.33**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (BIO 5)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Lumbriculidae			
Lumbriculus sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	60
Phylum Mollusca			
Family Cyrenidae			
Corbicula sp. (หอยทราย)	ind./m^2	Counting Chamber	30

Total Genus	-	**2**
Total Benthos	**ind./m^2**	**90**
Diversity Index	-	**0.64**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (BIO 5)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

(Miss Apiradee Chuen-arom)

23/04/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. W6804011

Report No. 6804-1022

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 5)	Sample No.	:	W68040030
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	31/03/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	01/04/2025
Tested Date	:	01/04/2025 – 09/04/2025	Reported Date	:	23/04/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	*Trichopodus trichopterus*	ปลากระดี่หม้อ	1	ตัว
	Cichlidae	*Oreochromis niloticus*	ปลานิล	4	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	7	ตัว
		Rasbora paviana	ปลาชิวควายแถบดำ	3	ตัว
		Systomus rubripinnus	ปลาแก้มช้ำ	4	ตัว

Total Genus	**5**	-
Total Aquatic animal	**19**	**ตัว**
Diversity Index	**1.47**	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (BIO 5)

2. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By.....

(Miss Apiradee Chuen-arom)

23/04/ 2025

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Test Report

Request No : W6806655
Report No : 6807 -0535

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 5)	Sample No	: W 68061990
Sample Name	: ก่อนไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD1)	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 10:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 24/07/2025	Reported Date	: 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤10
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	10.6	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.23	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	-
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.16	≤36
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	69.8	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≤0.2

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807 -0535

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 5)
Sample Name : ก่อนไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061990
Sampling Date : 27/06/2025
Sampling Time : 10:00 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤23
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	-
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation (US EPA. Method 6010C, 7196A)	1.35	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	4.30	≤120

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Test Report

Request No : W6806655
Report No : 6807- 0535

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 5)	Sample No	: W 68061990
Sample Name	: ก่อนไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD1)	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 10:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 08/07/2025	Reported Date	: 11/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	578	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤31.5
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,225	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
11/07/2025

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Test Report

Request No :W6806655
Report No :6807 -0536

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 5)
Sample Name : หลังไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061991
Sampling Date : 27/06/2025
Sampling Time : 10:10 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤10
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	15.0	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.28	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	-
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	4.32	≤36
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	86.5	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≤0.2

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Test Report

Request No :W6806655
Report No :6807-0536

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 5)
Sample Name : หลังไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061991
Sampling Date : 27/06/2025
Sampling Time : 10:10 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤23
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	-
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation (US EPA. Method 6010C, 7196A)	1.71	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5.25	≤120

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

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Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Test Report

Request No : W6806655
Report No : 6807- 0536

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 5)	Sample No	: W 68061991
Sample Name	: หลังไหลผ่านฝายน้ำล้นของ อบต.เขาคันทรง (SD2)	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 10:10 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 08/07/2025	Reported Date	: 11/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	857	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.95	≤31.5
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,253	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Songpon Phiwuan

Examined By : .....
(Miss Apiradee Chuen-arom)
11/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807 -0537

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 5)
Sample Name : ก่อนจุดระบายน้ำทิ้งของโครงการ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061992
Sampling Date : 27/06/2025
Sampling Time : 9:00 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤10
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	11.0	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.23	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	-
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.68	≤36
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	61.2	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≤0.2

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)
5. ## ก่อนจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD3)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807-0537

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 5)
Sample Name : ก่อนจุดระบายน้ำทิ้งของโครงการ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061992
Sampling Date : 27/06/2025
Sampling Time : 9:00 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤23
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	-
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation (US EPA. Method 6010C, 7196A)	1.47	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	4.42	≤120

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)
5. ## ก่อนจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD3)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6806655
Report No : 6807- 0537

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 5)	Sample No	: W 68061992
Sample Name	: ก่อนจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 9:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 08/07/2025	Reported Date	: 11/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	781	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.16	≤31.5
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,269	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565

2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Songpon Phiwuan
6. ## ก่อนจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
11/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807-0538

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 5)
Sample Name : บริเวณจุดระบายน้ำทิ้งโครงการ (SD4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061993
Sampling Date : 27/06/2025
Sampling Time : 10:30 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤10
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	11.3	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.24	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	-
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	4.29	≤36
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	60.3	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≤0.2

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Test Report

Request No :W6806655
Report No :6807-0538

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 5)
Sample Name : บริเวณจุดระบายน้ำทิ้งโครงการ (SD4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 24/07/2025
Sample No : W 68061993
Sampling Date : 27/06/2025
Sampling Time : 10:30 AM
Received Date : 28/06/2025
Reported Date : 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤23
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	-
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation (US EPA. Method 6010C, 7196A)	1.61	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.99	≤120

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพดะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
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(ว-003-ค-0004)
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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6806655
Report No : 6807- 0538

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 5)
Sample Name : บริเวณจุดระบายน้ำทิ้งโครงการ (SD4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 08/07/2025
Sample No : W 68061993
Sampling Date : 27/06/2025
Sampling Time : 10:30 AM
Received Date : 28/06/2025
Reported Date : 11/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	733	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.21	≤31.5
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,439	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Songpon Phiwuan

Examined By : .....
(Miss Apiradee Chuen-arom)
11/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6806655
Report No : 6807-0539

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 5)	Sample No	: W 68061994
Sample Name	: หลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 11:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 24/07/2025	Reported Date	: 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤10
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	31.7	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.47	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	-
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	7.05	≤36
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	215	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≤0.2

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)
5. ## หลังจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD5)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807 -0539

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 5)	Sample No	: W 68061994
Sample Name	: หลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 11:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 24/07/2025	Reported Date	: 24/07/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤23
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	-
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation (US EPA. Method 6010C, 7196A)	3.05	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	9.37	≤120

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1. /1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)
5. ## หลังจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD5)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
24/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6806655
Report No :6807- 0539

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 5)	Sample No	: W 68061994
Sample Name	: หลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 11:00 AM
Sampling Method	: Grab	Received Date	: 28/06/2025
Tested Date	: 03/07/2025 - 08/07/2025	Reported Date	: 11/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,651	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.07	≤31.5
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	4,141	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1. /1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Songpon Phiwuan
6. ## หลังจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
11/07/2025

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6708632
Report No :6709-0382

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024
Sample No : W 67081957
Sampling Date : 28/08/2024
Sampling Time : 9:20 AM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	22.1	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.38	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric (US EPA.Method 3060A, 7196A)	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	8.60	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	126	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No : W6708632
Report No : 6709-0382

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081957
Sampling Date : 28/08/2024
Sampling Time : 9:20 AM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤5205
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤4380
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	7.74	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5.19	-

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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No :W6708632

Report No :6709- 0382

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 5)

Sample Name : พื้นที่สีเขียวด้านทิศเหนือ (S1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081957

Sampling Date : 28/08/2024

Sampling Time : 9:20 AM

Received Date : 29/08/2024

Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	9,529	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.62	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	8,858	-

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. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)
10/09/2024

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6708632
Report No :6709-0383

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081958
Sampling Date : 28/08/2024
Sampling Time : 12:10 PM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	20.8	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric (US EPA.Method 3060A, 7196A)	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	6.78	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	142	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No :W6708632

Report No :6709-0383

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 5)

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081958

Sampling Date : 28/08/2024

Sampling Time : 12:10 PM

Received Date : 29/08/2024

Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤5205
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤4380
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	< 2.00	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.78	-

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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No :W6708632

Report No :6709- 0383

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 5)

Sample Name : พื้นที่สีเขียวด้านทิศตะวันออก (S2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081958

Sampling Date : 28/08/2024

Sampling Time : 12:10 PM

Received Date : 29/08/2024

Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,864	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.26	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,763	-

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. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Parkpoom Buasawad

Examined By : .....

(Miss Apiradee Chuen-arom)
10/09/2024

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6708632
Report No :6709-0384

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081959
Sampling Date : 28/08/2024
Sampling Time : 12:00 PM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	15.2	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric (US EPA.Method 3060A, 7196A)	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5.80	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	105	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6708632
Report No :6709-0384

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081959
Sampling Date : 28/08/2024
Sampling Time : 12:00 PM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤5205
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤4380
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium(Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	< 2.00	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.15	-

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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6708632

Report No :6709- 0384

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 5)

Sample Name : พื้นที่สีเขียวด้านทิศตะวันตก (S3)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081959

Sampling Date : 28/08/2024

Sampling Time : 12:00 PM

Received Date : 29/08/2024

Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,626	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.58	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,545	-

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. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Parkpoom Buasawad

Examined By : .....

(Miss Apiradee Chuen-arom)
10/09/2024

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Test Report

Request No :W6708632
Report No :6709-0385

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081960
Sampling Date : 28/08/2024
Sampling Time : 10:30 AM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤25
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	8.51	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric (US EPA.Method 3060A, 7196A)	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	6.14	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	129	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No :W6708632
Report No :6709-0385

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 5)
Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081960
Sampling Date : 28/08/2024
Sampling Time : 10:30 AM
Received Date : 29/08/2024
Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤5205
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≤4380
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	-
Trivalent Chromium (Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	< 2.00	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.27	-

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. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B, 3060A (1996), 7196A (1992), 6010C, 7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
10/09/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
10/09/2024

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Test Report

Request No :W6708632

Report No :6709- 0385

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 5)

Sample Name : พื้นที่สีเขียวด้านทิศใต้ (S4)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/09/2024 - 04/09/2024

Sample No : W 67081960

Sampling Date : 28/08/2024

Sampling Time : 10:30 AM

Received Date : 29/08/2024

Reported Date : 10/09/2024

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,663	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,576	-

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. Unit mg/kg (Dry weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 6010C (2007).
5. Sampling By Mr. Parkpoom Buasawad

Examined By : .....

(Miss Apiradee Chuen-arom)
10/09/2024

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Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No :W6712408

Report No :6801-0322

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 5)

Sample Name : ตะกอนจากระบบผลิตน้ำประปา

Sampling By : ETC

Sampling Method : Grab

Tested Date : 21/12/2024 - 07/01/2025

Sample No : W 67121226

Sampling Date : 13/12/2024

Sampling Time : 11:20 AM

Received Date : 14/12/2024

Reported Date : 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	535	-
Iron	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	40.3	-
Manganese	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	18.4	-
Trivalent Chromium	mg/L	Digestion,Inductively Coupled Plasma Method;Filtration,Colorimetric Method;Calculation	0.05	≥5

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023)., (STLC : Soluble Threshold Limit Concentration)

2. United States Environmental Protection Agency. SW-846 Method 6010C (2007), 1310A.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Parkpoom Buasawad

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)
09/01/2025

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Test Report

Request No :W6712408

Report No :6801-0322

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 5)	Sample No	: W 67121226
Sample Name	: ตะกอนจากระบบผลิตน้ำประปา	Sampling Date	: 13/12/2024
Sampling By	: ETC	Sampling Time	: 11:20 AM
Sampling Method	: Grab	Received Date	: 14/12/2024
Tested Date	: 21/12/2024 - 07/01/2025	Reported Date	: 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	< 0.10	≥5
Barium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.64	≥100
Cadmium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.13	≥1
Copper	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	12.3	≥25
Hexavalent Chromium	mg/L as Cr^{6+}	Waste Extraction,Colorimetric (US EPA. Method 7196A)	< 0.050	≥5
Lead	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.11	≥5
Mercury	mg/L	Waste Extraction,Cold - Vapor AAS (US EPA.Method 7471B)	< 0.0010	≥0.2

Physical Apperance : 1. Sample : brown, sludge

2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023)., (STLC : Soluble Threshold Limit Concentration)

2. United States Environmental Protection Agency. SW-846 Method, 6010C,7471B (2007), 7196A (1992), 1310A.

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/01/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/01/2025

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

Test Report

Request No :W6712408
Report No :6801-0322

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 5)
Sample Name : ตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2024 - 07/01/2025

Sample No : W 67121226
Sampling Date : 13/12/2024
Sampling Time : 11:20 AM
Received Date : 14/12/2024
Reported Date : 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Nickel	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.55	≥20
Selenium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	< 0.10	≥1
Silver	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	< 0.05	≥5
Zinc	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	17.2	≥250

Physical Apperance : 1. Sample : brown, sludge
2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023), regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023).,
(STLC : Soluble Threshold Limit Concentration)
2. United States Environmental Protection Agency. SW-846 Method, 6010C,7471B (2007), 7196A (1992), 1310A.
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/01/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
09/01/2025

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Test Report

Request No : W6712408
Report No : 6801-0321

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 5)
Sample Name : ตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 17/12/2024 - 21/12/2024

Sample No : W 67121225
Sampling Date : 13/12/2024
Sampling Time : 11:20 AM
Received Date : 14/12/2024
Reported Date : 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5,978	-
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	561	-
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	232	-
Trivalent Chromium (Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	< 2.00	≥2500

Physical Apperance : 1. Sample : brown, sludge
2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023)
(TTLC : Total Threshold Limit Concentration)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Unit mg/kg (Wet weight)
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 7196A (1992), 6010C (2007).
5. Sampling By Mr. Parkpoom Buasawad

Examined By : .....
(Miss Apiradee Chuen-arom)
09/01/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Test Report

Request No :W6712408
Report No :6801-0321

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 5)
Sample Name : ตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 17/12/2024 - 21/12/2024

Sample No : W 67121225
Sampling Date : 13/12/2024
Sampling Time : 11:20 AM
Received Date : 14/12/2024
Reported Date : 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≥500
Barium (Ba)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	11.8	≥10000
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.90	≥100
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric (US EPA.Method 3060A, 7196A)	< 2.00	≥500
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	137	≥2500
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.87	≥1000
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≥20

Physical Apperance : 1. Sample : brown, sludge
2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023)
(TTLC : Total Threshold Limit Concentration)
2. Unit mg/kg (Wet weight)
3. United States Environmental Protection Agency. SW-846 Method 3050B,3060A (1996), 7196A (1992), 6010C,7471B (2007).
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
09/01/2025

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Approved By : .....
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(ว-003-ค-0005)
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Sample No : W 67121225
Sampling Date : 13/12/2024
Sampling Time : 11:20 AM
Received Date : 14/12/2024
Reported Date : 09/01/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	9.56	≥2000
Selenium (Se)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 5.00	≥100
Silver (Ag)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 2.50	≥500
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	212	≥5000

Physical Apperance : 1. Sample : brown, sludge
2. Container : Bag

Remark : 1. /1 Notification of the Ministry of Industry B.E. 2566 (2023) , regarding Waste or Unused Material Disposal, published in the Royal Government Gazette, Vol.140, Special Part 126D, date May 31, B.E.2566 (2023)
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4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
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