ภาคผนวก

ภาคผนวกที่	1	ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม
ภาคผนวกที่	2	เอกสารขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน และใบอนุญาตเป็นผู้ให้บริการตรวจวัดและวิเคราะห์ระดับความเข้มข้นของสารเคมีอันตรายในบรรยากาศของสถานที่ทำงานและสถานที่เก็บรักษาสารเคมีอันตราย ระดับความร้อน แสงสว่าง และเสียง จากกรมสวัสดิการและคุ้มครองแรงงาน
ภาคผนวกที่	3	ใบรับรองความสามารถห้องปฏิบัติการวิเคราะห์
ภาคผนวกที่	4	สรุปเอกสารสอบเทียบอุปกรณ์เครื่องมือ
ภาคผนวกที่	5	เอกสาร Detection Limit ของรายการทดสอบต่าง ๆ
ภาคผนวกที่	6	ผลการพิจารณารายงานการประเมินผลกระทบสิ่งแวดล้อมของโครงการนิคมอุตสาหกรรมปิ่นทอง โครงการ 5 (ส่วนขยาย ครั้งที่ 1) ครั้งที่ 2 บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ภาคผนวกที่	7	คณะกรรมการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม
ภาคผนวกที่	8	แผนการดูแลและบำรุงรักษาต้นไม้ที่ปลูกในพื้นที่สีเขียว
ภาคผนวกที่	9	รายชื่อโรงงานภายในนิคมอุตสาหกรรมปิ่นทอง โครงการ 5
ภาคผนวกที่	10	แบบสำรวจข้อมูลพื้นฐานของโรงงานก่อนเข้ามาตั้งภายในพื้นที่โครงการ และคู่มือการตรวจสอบภาระการระบายมลพิษที่สามารถระบายออกต่อหน่วยพื้นที่
ภาคผนวกที่	11	รายงานผลการตรวจประเมินโรงงานตามโครงการธรรมภิบาลสิ่งแวดล้อม “โครงการธงขาวดาวเขียว” ประจำปี 2568
ภาคผนวกที่	12	อัตราการระบายมลพิษทางอากาศ
ภาคผนวกที่	13	หนังสือแจ้งดำเนินการสอบสวนหาสาเหตุและดำเนินการแก้ไขการปล่อยมลพิษทางอากาศ
ภาคผนวกที่	14	แบบฟอร์มรายงานผลการตรวจวัดการระบายมลพิษทางอากาศ
ภาคผนวกที่	15	ผลการตรวจวัดปริมาณสารเคมี VOCs และสภาพแวดล้อมในการทำงานของโรงงานต่าง ๆ ภายในโครงการ
ภาคผนวกที่	16	ผลการวิเคราะห์คุณภาพน้ำทิ้งโรงงาน ประจำเดือนกรกฎาคม-ธันวาคม 2568
ภาคผนวกที่	17	ผลการตรวจสอบความจุความชื้นในสนาม
ภาคผนวกที่	18	บันทึกสถิติอุบัติเหตุ และไฟฟ้าขัดข้องภายในโครงการประจำเดือนกรกฎาคม-ธันวาคม 2568
ภาคผนวกที่	19	ทะเบียนรายชื่อหน่วยงานที่ได้รับอนุญาตกำจัดกากของเสีย
ภาคผนวกที่	20	การจัดทำคู่มือการจัดการขยะมูลฝอย
ภาคผนวกที่	21	บันทึกปริมาณขยะมูลฝอยของโรงงาน
ภาคผนวกที่	22	โครงสร้างคณะทำงานเพื่อบริหารและจัดการของเสีย

ภาคผนวก (ต่อ)

ภาคผนวกที่	23	ใบกำกับการขนส่งของเสีย (Manifest Form)
ภาคผนวกที่	24	ภาพถ่ายการช่วยเหลือชุมชนที่ตั้งอยู่ใกล้เคียงโดยรอบโครงการ ประจำเดือนกรกฎาคม-ธันวาคม 2568 และสรุปผลการสำรวจความคิดเห็นชุมชน ประจำปี 2568
ภาคผนวกที่	25	ขั้นตอนกระบวนการรับเรื่องร้องเรียน
ภาคผนวกที่	26	การอบรมฝึกซ้อมดับเพลิงและอพยพหนีไฟ/แผนฉุกเฉิน ประจำปี 2568
ภาคผนวกที่	27	การฝึกซ้อมแผนฉุกเฉินของการนิคมอุตสาหกรรมปิ่นทองร่วมกับโรงงาน ในนิคมอุตสาหกรรม ประจำปี 2568
ภาคผนวกที่	28	ตัวอย่างการฝึกซ้อมแผนฉุกเฉินของโรงงานในนิคมอุตสาหกรรม
ภาคผนวกที่	29	กิจกรรม KYT เพื่อส่งเสริมความปลอดภัยในการทำงาน
ภาคผนวกที่	30	กิจกรรมด้านความปลอดภัยต่าง ๆภายในโรงงาน
ภาคผนวกที่	31	การประชุมเจ้าหน้าที่ด้านความปลอดภัยของโรงงานอุตสาหกรรมต่าง ๆ ในนิคมอุตสาหกรรมฯ ประจำปี 2568
ภาคผนวกที่	32	เอกสารการตรวจสอบสภาพของอุปกรณ์/เครื่องจักร และระบบไฟฟ้าของโรงงานอุตสาหกรรม
ภาคผนวกที่	33	บันทึกสถิติอุบัติเหตุของโรงงานต่าง ๆ ภายในโครงการ
ภาคผนวกที่	34	ปริมาณการใช้น้ำประปาของโรงงานอุตสาหกรรมต่าง ๆ ภายในโครงการ ประจำเดือนกรกฎาคม-ธันวาคม 2568
ภาคผนวกที่	35	ปริมาณการใช้ไฟฟ้าภายในนิคมอุตสาหกรรมปิ่นทอง โครงการ 5 ประจำปี 2568
ภาคผนวกที่	36	ข้อมูลทางด้านสาธารณสุข ประจำปี 2568
ภาคผนวกที่	37	ผลการตรวจสุขภาพพนักงานของโรงงานต่าง ๆ ภายในโครงการ
ภาคผนวกที่	38	รายงานการจัดทำฐานข้อมูลสารสนเทศทางด้านภูมิศาสตร์ (GIS) ประจำปี 2568
ภาคผนวกที่	39	การขุดลอกรางระบายน้ำฝนภายในพื้นที่โครงการ ประจำปี 2568
ภาคผนวกที่	40	แผนปฏิบัติการฉุกเฉินกรณีเกิดการรั่วไหลหรือไฟไหม้ของโรงงานที่เก็บกักก๊าซ LPG
ภาคผนวกที่	41	ตัวอย่างมาตรการด้านความปลอดภัย และแผนฉุกเฉินของโรงงานต่าง ๆ ภายในโครงการ
ภาคผนวกที่	42	ผลการสุ่มตรวจวัดโลหะหนักในน้ำเสียของโรงงาน ประจำเดือนกรกฎาคม-ธันวาคม 2568
ภาคผนวกที่	43	ตัวอย่างผลการตรวจวัดคุณภาพอากาศในบรรยากาศจากสถานีตรวจวัดคุณภาพอากาศแบบต่อเนื่อง (AQMS) ประจำเดือนกันยายน 2568

ภาคผนวก (ต่อ)

ภาคผนวกที่	44	ภาพแสดงการวิเคราะห์คุณภาพน้ำทิ้งโรงงานที่มีค่าไม่เป็นไปตามมาตรฐาน
ภาคผนวกที่	45	E-mail แจ้งรายละเอียดและแนะนำ ป้องกันคุณภาพน้ำทิ้ง โรงงานที่มีค่าไม่เป็นไปตามเกณฑ์มาตรฐาน
ภาคผนวกที่	46	การคำนวณค่าปรับในการบำบัดน้ำเสีย “นิคมอุตสาหกรรมปิ่นทอง โครงการ 5”

ภาคผนวกที่ 1

ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD
789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R363
Sampling Time	: 12:08 PM	**Report Date**	: 17/07/2568
Sample No.	: WW2575/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

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)	25	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	71	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.8	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	278	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	26.5	-
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)	33.3	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	-

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by : (Miss Panida Ruamlarp) ว-341-ค-0002

Approved by : (Miss Sawittree Sukklom) ว-341-ค-0004

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

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R363
Sampling Time	: 12:08 PM	**Report Date**	: 17/07/2568
Sample No.	: WW2575/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

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

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : (Miss Panida Ruamlarp)

Approved by : (Miss Sawittree Sukklom)

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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 :W6807148
Report No :6807-1928

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070517
Sampling Date : 03/07/2025**
Sampling Time : 11:50 AM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0136	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤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)	0.08	≤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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6807148
Report No :6807-1928

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070517
Sampling Date : 03/07/2025**
Sampling Time : 11:50 AM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

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)	0.19	≤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 : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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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 : ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 04/07/2025 - 24/07/2025

Sample No : W 68070517
Sampling Date : 03/07/2025**
Sampling Time : 11:50 AM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0085	≤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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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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 :W6807148
Report No :6807- 1928

Customer : Pinthong 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 68070517
Sample Name	: ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	: 03/07/2025
Sampling By	: ETC	Sampling Time	: 11:50 AM
Sampling Method	: Grab	Received Date	: 04/07/2025
Tested Date	: 04/07/2025 - 24/07/2025	Reported Date	: 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.42	-
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)	2.36	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Jiraporn Pankong)
30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1928

Customer	:	Pinthong 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 68070517
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1928

Customer	:	Pinthong 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 68070517
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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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. W6807148

TEST REPORT

Report No. 6807-1928

Customer	:	Pinthong 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 68070517
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R361
Sampling Time	: 11:50 AM	**Report Date**	: 17/07/2568
Sample No.	: WW2573/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

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)	69	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.7	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	904	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	27.8	≤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)	10.7	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance	: Green Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : (Miss Panida Ruamlarp) ว-341-ค-0002

Approved by : (Miss Sawittree Sukklom) ว-341-ค-0004

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

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R361
Sampling Time	: 11:50 AM	**Report Date**	: 17/07/2568
Sample No.	: WW2573/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.9	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.08	≤1

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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. De.
(Miss Panida Ruamlarp)

Approved by : Sww
(Miss Sawittree Sukklom)

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ACCREDITED
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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6807148
Report No :6807-1929

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070518
Sampling Date : 03/07/2025**
Sampling Time : 12:00 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.1144	≤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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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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 : W6807148
Report No : 6807-1929

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070518
Sampling Date : 03/07/2025**
Sampling Time : 12:00 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

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)	0.09	≤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)	0.07	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6807148
Report No :6807-1929

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070518
Sampling Date : 03/07/2025**
Sampling Time : 12:00 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.1599	≤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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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

Test Report

Request No :W6807148
Report No :6807- 1929

Customer : Pinthong 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 68070518
Sample Name	: Effluent Pond	Sampling Date	: 03/07/2025
Sampling By	: ETC	Sampling Time	: 12:00 PM
Sampling Method	: Grab	Received Date	: 04/07/2025
Tested Date	: 04/07/2025 - 24/07/2025	Reported Date	: 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
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)	0.15	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

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Examined By : .....
(Miss Jiraporn Pankong)
30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1929

Customer	:	Pinthong 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 68070518
Sample Name	:	Effluent Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

30/07/2025

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Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1929

Customer	:	Pinthong 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 68070518
Sample Name	:	Effluent Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1929

Customer	:	Pinthong 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 68070518
Sample Name	:	Effluent Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:00 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R362
Sampling Time	: 12:00 PM	**Report Date**	: 17/07/2568
Sample No.	: WW2574/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

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)	66	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.9	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	532	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	27.5	≤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)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance	: Green Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P. Ra.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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	: 07/07/2568	**Report No.**	: 6807/R362
Sampling Time	: 12:00 PM	**Report Date**	: 17/07/2568
Sample No.	: WW2574/68	**Received Date**	: 07/07/2568
Sample Type	: Wastewater	**Analytical Date**	: 07/07/2568 - 15/07/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.9	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : Sawittree
(Miss Sawittree Sukklom)

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6807148
Report No : 6807-1930

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025

Sample No : W 68070519
Sampling Date : 03/07/2025**
Sampling Time : 12:05 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0216	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤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 0.25 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 Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Jiraporn Pankong)
(ว-003-ค-0009)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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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 :W6807148
Report No :6807-1930

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025

Sample No : W 68070519
Sampling Date : 03/07/2025**
Sampling Time : 12:05 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

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)	0.08	≤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 1.0 L , G 0.25 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 Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Jiraporn Pankong)
(ว-003-ค-0009)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6807148
Report No :6807-1930

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025

Sample No : W 68070519
Sampling Date : 03/07/2025**
Sampling Time : 12:05 PM**
Received Date : 04/07/2025
Reported Date : 30/07/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0519	≤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 0.25 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 Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Jiraporn Pankong)
(ว-003-ค-0009)
30/07/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
30/07/2025

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

Test Report

Request No :W6807148
Report No :6807- 1930

Customer : Pinthong 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 : 04/07/2025 - 24/07/2025
Sample No : W 68070519
Sampling Date : 03/07/2025
Sampling Time : 12:05 PM
Received Date : 04/07/2025
Reported Date : 30/07/2025

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)	22,000	-
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)	0.09	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

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Examined By : .....
(Miss Jiraporn Pankong)
30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1930

Customer	:	Pinthong 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 68070519
Sample Name	:	Holding Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:05 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (จ-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

30/07/2025

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Approved By .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1930

Customer	:	Pinthong 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 68070519
Sample Name	:	Holding Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:05 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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

Request No. W6807148

TEST REPORT

Report No. 6807-1930

Customer	:	Pinthong 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 68070519
Sample Name	:	Holding Pond	Sampling Date	:	03/07/2025
Sampling By	:	ETC	Sampling Time	:	12:05 PM
Sampling Method	:	Grab	Received Date	:	04/07/2025
Tested Date	:	04/07/2025 – 24/07/2025	Reported Date	:	30/07/2025

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 1.0 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

30/07/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 08/08/2568	**Report No.**	: 6808/R357R1
Sampling Time	: 09:43 AM	**Report Date**	: 19/09/2568
Sample No.	: WW2962/68	**Received Date**	: 08/08/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/08/2568 - 15/08/2568

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)	16	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	68	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.2	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	200	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	98.8	-
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)	12.0	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	24	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	21	-
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	-

Physical Appearance	: Yellow Turbid, Highly SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by : P. Da.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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	: 08/08/2568	Report No.	: 6808/R357R1
Sampling Time	: 09:43 AM	Report Date	: 19/09/2568
Sample No.	: WW2962/68	Received Date	: 08/08/2568
Sample Type	: Wastewater	Analytical Date	: 08/08/2568 - 15/08/2568

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.3	-
Free Chlorine	mg/L	Portable Photometer	0.04	-

Physical Appearance	: Yellow Turbid, Highly SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : P.Da. (Miss Panida Ruamlarp)

Approved by : (Miss Sawittree Sukklom)

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

- End of Report -

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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 : W6808273
Report No : 6808 -1662

Customer : Pinthong 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 : 11/08/2025 - 29/08/2025
Sample No : W 68080821
Sampling Date : 08/08/2025**
Sampling Time : 9:23 AM**
Received Date : 09/08/2025
Reported Date : 29/08/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0075	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤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
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขา)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
29/08/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/08/2025

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LABORATORY ACCREDITATION
BLA-DSS
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No.0159

Test Report

Request No : W6808273
Report No : 6808 -1662

Customer : Pinthong 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 : 11/08/2025 - 29/08/2025
Sample No : W 68080821
Sampling Date : 08/08/2025**
Sampling Time : 9:23 AM**
Received Date : 09/08/2025
Reported Date : 29/08/2025

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)	0.13	≤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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
29/08/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/08/2025

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LABORATORY ACCREDITATION
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No.0159

Test Report

Request No : W6808273
Report No : 6808 -1662

Customer : Pinthong 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 : 11/08/2025 - 29/08/2025
Sample No : W 68080821
Sampling Date : 08/08/2025**
Sampling Time : 9:23 AM**
Received Date : 09/08/2025
Reported Date : 29/08/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0062	≤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)	0.23	≤5

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
29/08/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/08/2025

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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 :W6808273
Report No :6808 - 1662

Customer : Pinthong 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 68080821
Sample Name	: ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	: 08/08/2025
Sampling By	: ETC	Sampling Time	: 9:23 AM
Sampling Method	: Grab	Received Date	: 09/08/2025
Tested Date	: 11/08/2025 - 29/08/2025	Reported Date	: 29/08/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.73	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	1.1	-
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)	2.07	≤10

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 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 Miss Pornpinan Viriyakusolkul
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
29/08/2025

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

Request No. W6808273

TEST REPORT

Report No. 6808-1662

Customer	:	Pinthong 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 68080821
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:23 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 02/09/2025	Reported Date	:	03/09/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
03/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
03/09/2025

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Request No. W6808273

TEST REPORT

Report No. 6808-1662

Customer	:	Pinthong 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 68080821
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:23 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

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Request No. W6808273

TEST REPORT

Report No. 6808-1662

Customer	:	Pinthong 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 68080821
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:23 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 08/08/2568	**Report No.**	: 6808/R355R1
Sampling Time	: 09:24 AM	**Report Date**	: 19/09/2568
Sample No.	: WW2960/68	**Received Date**	: 08/08/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/08/2568 - 15/08/2568

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)	61	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	994	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	22.7	≤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)	22	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance	:	Green, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P. Da.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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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

ANALYSIS 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	: 08/08/2568	**Report No.**	: 6808/R355R1
Sampling Time	: 09:24 AM	**Report Date**	: 19/09/2568
Sample No.	: WW2960/68	**Received Date**	: 08/08/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/08/2568 - 15/08/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.6	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.09	≤1

Physical Appearance	: Green, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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- End of Report -

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6808273, W6808658
Report No : 6808-1663-1, 6809-0668

Customer	: Pinthong 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 68080822, W 68081944
Sample Name	: Effluent Pond**	Sampling Date	: 08/08/2025, 28/08/2025**
Sampling By	: ETC**	Sampling Time	: 9:30 AM, 9:35 AM**
Sampling Method	: Grab**	Received Date	: 09/08/2025, 29/08/2025
Tested Date	: 11/08/2025 - 02/09/2025	Reported Date	: 09/09/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic */2	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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 1.8 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2./2 Sample No. W68081944 : Sampling Date 28/08/2025 (9:35 AM) : Tested Date 29/08/2025 - 05/09/2025
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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6808-1663

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

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

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808273, W6808658
Report No : 6808-1663-1, 6809-0668

Customer	:	Pinthong 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 68080822, W 68081944
Sample Name	:	Effluent Pond**	Sampling Date	:	08/08/2025, 28/08/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM, 9:35 AM**
Sampling Method	:	Grab**	Received Date	:	09/08/2025, 29/08/2025
Tested Date	:	11/08/2025 - 02/09/2025	Reported Date	:	09/09/2025

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)	0.04	≤1

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2./2 Sample No. W68081944 : Sampling Date 28/08/2025 (9:35 AM) : Tested Date 29/08/2025 - 05/09/2025
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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6808-1663

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

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

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808273, W6808658
Report No : 6808-1663-1, 6809-0668

Customer	: Pinthong 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 68080822, W 68081944
Sample Name	: Effluent Pond**	Sampling Date	: 08/08/2025, 28/08/2025**
Sampling By	: ETC**	Sampling Time	: 9:30 AM, 9:35 AM**
Sampling Method	: Grab**	Received Date	: 09/08/2025, 29/08/2025
Tested Date	: 11/08/2025 - 02/09/2025	Reported Date	: 09/09/2025

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)	0.08	≤5

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2./2 Sample No. W68081944 : Sampling Date 28/08/2025 (9:35 AM) : Tested Date 29/08/2025 - 05/09/2025
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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6808-1663

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

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

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

Test Report

Request No : W6808273
Report No : 6808 - 1663

Customer : Pinthong 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 : 11/08/2025 - 29/08/2025

Sample No : W 68080822
Sampling Date : 08/08/2025
Sampling Time : 9:30 AM
Received Date : 09/08/2025
Reported Date : 29/08/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	160,000	-
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	2.4	-
E.coli	MPN:100 mL	MPN Test Method (SM:9221F)	490	-
Flow Rate	m^3/day	Calculation Method	not available	-
Iron	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
29/08/2025

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

Request No. W6808273

TEST REPORT

Report No. 6808-1663

Customer	:	Pinthong 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 68080822
Sample Name	:	Effluent Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 02/09/2025	Reported Date	:	03/09/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

03/09/2025

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Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

03/09/2025

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

Request No. W6808273

TEST REPORT

Report No. 6808-1663

Customer	:	Pinthong 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 68080822
Sample Name	:	Effluent Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

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

Request No. W6808273

TEST REPORT

Report No. 6808-1663

Customer	:	Pinthong 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 68080822
Sample Name	:	Effluent Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

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Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 08/08/2568	**Report No.**	: 6808/R356R1
Sampling Time	: 09:30 AM	**Report Date**	: 19/09/2568
Sample No.	: WW2961/68	**Received Date**	: 08/08/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/08/2568 - 15/08/2568

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)	8	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	44	≤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)	540	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	27.3	≤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)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Sulfide	mg/l as H2S	ZnS Precipitation, Iodometric Method (SM 4500-S2- F)	<0.5	≤1

Physical Appearance	: Green, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P.Da.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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	: 08/08/2568	**Report No.**	: 6808/R356R1
Sampling Time	: 09:30 AM	**Report Date**	: 19/09/2568
Sample No.	: WW2961/68	**Received Date**	: 08/08/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/08/2568 - 15/08/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.3	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.09	≤1

Physical Appearance	: Green, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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- End of Report -

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6808273, W6808658
Report No : 6808-1664-1, 6809-0669

Customer	: Pinthong 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 68080823, W 68081945
Sample Name	: Holding Pond**	Sampling Date	: 08/08/2025, 28/08/2025**
Sampling By	: ETC**	Sampling Time	: 9:40 AM, 9:30 AM**
Sampling Method	: Grab**	Received Date	: 09/08/2025, 29/08/2025
Tested Date	: 11/08/2025 - 02/09/2025	Reported Date	: 09/09/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0501	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤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 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2./2 Sample No. W68081945 : Sampling Date 28/08/2025 (9:30 AM) : Tested Date 29/08/2025 - 03/09/2025
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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6808-1664

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

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

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808273, W6808658

Report No : 6808-1664-1, 6809-0669

Customer	: Pinthong 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 68080823, W 68081945
Sample Name	: Holding Pond**	Sampling Date	: 08/08/2025, 28/08/2025**
Sampling By	: ETC**	Sampling Time	: 9:40 AM, 9:30 AM**
Sampling Method	: Grab**	Received Date	: 09/08/2025, 29/08/2025
Tested Date	: 11/08/2025 - 02/09/2025	Reported Date	: 09/09/2025

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)	< 0.03	≤1

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

2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 L]

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

2./2 Sample No. W68081945 : Sampling Date 28/08/2025 (9:30 AM) : Tested Date 29/08/2025 - 03/09/2025

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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*

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

SUPPLEMENT TO TEST REPORT NO. 6808-1664

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

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

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808273, W680658
Report No : 6808-1664-1, 6809-0669

Customer : Pinthong 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 68080823, W 68081945
Sample Name	: Holding Pond**	Sampling Date	: 08/08/2025, 28/08/2025**
Sampling By	: ETC**	Sampling Time	: 9:40 AM, 9:30 AM**
Sampling Method	: Grab**	Received Date	: 09/08/2025, 29/08/2025
Tested Date	: 11/08/2025 - 02/09/2025	Reported Date	: 09/09/2025

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)	0.05	≤5

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2./2 Sample No. W68081945 : Sampling Date 28/08/2025 (9:30 AM) : Tested Date 29/08/2025 - 03/09/2025
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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6808-1664

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

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

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Test Report

Request No :W6808273
Report No :6808- 1664

Customer	:	Pinthong 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 68080823
Sample Name	:	Holding Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 - 29/08/2025	Reported Date	:	29/08/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	-
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	2.6	-
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)	0.07	-

Physical Apperance : 1. Sample : yellowish, turbid, nonsmelling
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 0.25 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 Miss Pornpinan Viriyakusolkul

Examined By : .....
(Miss Apiradee Chuen-arom)
29/08/2025

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

Request No. W6808273

TEST REPORT

Report No. 6808-1664

Customer	:	Pinthong 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 68080823
Sample Name	:	Holding Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 02/09/2025	Reported Date	:	03/09/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

03/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

03/09/2025

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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. W6808273

TEST REPORT

Report No. 6808-1664

Customer	:	Pinthong 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 68080823
Sample Name	:	Holding Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

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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. W6808273

TEST REPORT

Report No. 6808-1664

Customer	:	Pinthong 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 68080823
Sample Name	:	Holding Pond	Sampling Date	:	08/08/2025
Sampling By	:	ETC	Sampling Time	:	9:40 AM
Sampling Method	:	Grab	Received Date	:	09/08/2025
Tested Date	:	11/08/2025 – 29/08/2025	Reported Date	:	29/08/2025

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 0.25 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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

29/08/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บ่อปรับสภาพน้ำเสีย		
Sampling Date	: 08/09/2568	**Report No.**	: 6809/R393
Sampling Time	: 03:45 PM	**Report Date**	: 19/09/2568
Sample No.	: WW3310/68	**Received Date**	: 08/09/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/09/2568 - 16/09/2568

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)	10	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	<40	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.8	-
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)	31.0	-
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	3.1	-
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	28.2	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	-
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.6	-

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by : P.Da.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), บ่อปรับสภาพน้ำเสีย		
Sampling Date	: 08/09/2568	Report No.	: 6809/R393
Sampling Time	: 03:45 PM	Report Date	: 19/09/2568
Sample No.	: WW3310/68	Received Date	: 08/09/2568
Sample Type	: Wastewater	Analytical Date	: 08/09/2568 - 16/09/2568

Item / Parameter	Unit	Method	Result	Standard
pH (On site)	-	Electrometric Method	7.5	-
Free Chlorine	mg/L	Portable Photometer	0.02	-

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : (Miss Panida Ruamlarp)

Approved by : (Miss Sawittree Sukklom)

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6809125
Report No : 6810-0091

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090413
Sampling Date : 03/09/2025**
Sampling Time : 10:15 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0681	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤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)	0.09	≤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 : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6809125
Report No : 6810-0091

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090413
Sampling Date : 03/09/2025**
Sampling Time : 10:15 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

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)	0.07	≤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 : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสมน้ำเสีย)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6809125
Report No :6810-0091

Customer	:	Pinthong 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 68090413
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**	Sampling Date	:	03/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:15 AM**
Sampling Method	:	Grab**	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 - 19/09/2025	Reported Date	:	04/10/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0352	≤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)	0.15	≤5

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6809125
Report No :6810 -0091

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025
Sample No : W 68090413
Sampling Date : 03/09/2025**
Sampling Time : 10:15 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.10	-
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)	0.90	≤10

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon *
6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Nunnaphat Bakhuntod)
04/10/2025

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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. W6809125

TEST REPORT

Report No. 6810-0091

Customer	:	Pinthong 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 68090413
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon (ว-003-ค-0034)

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

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

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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. W6809125

TEST REPORT

Report No. 6810-0091

Customer	:	Pinthong 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 68090413
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellowish, turbid)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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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 Sukhaplbarn 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. W6809125

TEST REPORT

Report No. 6810-0091

Customer	:	Pinthong 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 68090413
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 08/09/2568	**Report No.**	: 6809/R392
Sampling Time	: 03:30 PM	**Report Date**	: 19/09/2568
Sample No.	: WW3309/68	**Received Date**	: 08/09/2568
Sample Type	: Wastewater	**Analytical Date**	: 08/09/2568 - 16/09/2568

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)	60	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.7	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	665	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	39.3	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	11.6	≤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)	21	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.6	≤1

Physical Appearance	: Green Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P. Da.
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Effluent		
Sampling Date	: 08/09/2568	Report No.	: 6809/R392
Sampling Time	: 03:30 PM	Report Date	: 19/09/2568
Sample No.	: WW3309/68	Received Date	: 08/09/2568
Sample Type	: Wastewater	Analytical Date	: 08/09/2568 - 16/09/2568

Item / Parameter	Unit	Method	Result	Standard 1/
pH (On site)	-	Electrometric Method	7.9	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.08	≤1

Physical Appearance	: Green Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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. Ru.
(Miss Panida Ruamlarp)

Approved by : Sawittree
(Miss Sawittree Sukklom)

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6809125
Report No : 6810-0092

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090414
Sampling Date : 03/09/2025**
Sampling Time : 10:20 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.1603	≤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 : Wastewater (yellow, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6809125
Report No :6810-0092

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025
Sample No : W 68090414
Sampling Date : 03/09/2025**
Sampling Time : 10:20 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

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)	0.07	≤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 : Wastewater (yellow, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6809125
Report No : 6810-0092

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090414
Sampling Date : 03/09/2025**
Sampling Time : 10:20 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.3323	≤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)	0.11	≤5

Physical Apperance : 1. Sample : Wastewater (yellow, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6809125
Report No :6810- 0092

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025
Sample No : W 68090414
Sampling Date : 03/09/2025**
Sampling Time : 10:20 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	5.6	-
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)	0.14	-

Physical Apperance : 1. Sample : Wastewater (yellow, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon *
6. ** = These data are non laboratory data.

Examined By : .....
(Miss Nunnaphat Bakhuntod)
04/10/2025

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

Request No. W6809125

TEST REPORT

Report No. 6810-0092

Customer	:	Pinthong 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 68090414
Sample Name	:	Effluent Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellow, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon (ว-003-ค-0034)

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

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

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

Request No. W6809125

TEST REPORT

Report No. 6810-0092

Customer	:	Pinthong 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 68090414
Sample Name	:	Effluent Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellow, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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Request No. W6809125

TEST REPORT

Report No. 6810-0092

Customer	:	Pinthong 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 68090414
Sample Name	:	Effluent Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellow, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 08/09/2568,10/09/2568**	**Report No.**	: 6809/R391,6809/R396
Sampling Time	: 03:26 PM,02:50 PM**	**Report Date**	: 19/09/2568
Sample No.	: WW3308/68,WW3358/68**	**Received Date**	: 08/09/2568,10/09/2568**
Sample Type	: Wastewater	**Analytical Date**	: 08/09/2568 - 16/09/2568

Item / Parameter	Unit	Method [2/]	Result	Standard [1/]
Biochemical Oxygen Demand[3/]	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	12	≤16
Chemical Oxygen Demand[3/]	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	66	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.0	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	322	≤1300
Total Suspended Solids (TSS)[3/]	mg/L	Dried at 103-105 C (SM 2540 D)	29.3	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	26.0	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	80	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	80	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.8	≤1

Physical Appearance	: Green Turbid, Highly SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

[3/] Sample No. WW3358/68 : Sampling Date 10/09/68 : Sampling Time 02:50 PM : Analytical Date 10/09/2568 - 16/09/2568

Physical Appearance: Yellow Turbid, Medium SS

Review by : P.Ra
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
PINTHONG UTILITIES AND RENEWABLE ENERGY CO.,LTD.
(Miss Sawittree Sukklom)
ว-341-ค-0004

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F-7.8-03-04/14-07-68

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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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 08/09/2568,10/09/2568**	**Report No.**	: 6809/R391,6809/R396
Sampling Time	: 03:26 PM,02:50 PM**	**Report Date**	: 19/09/2568
Sample No.	: WW3308/68 ,WW3358/68**	**Received Date**	: 08/09/2568,10/09/2568**
Sample Type	: Wastewater	**Analytical Date**	: 08/09/2568 - 16/09/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
pH (On site)	-	Electrometric Method	8.9	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.29	≤1

Physical Appearance	: Green Turbid, Highly SS
Container of Sample	: PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

[3/] Sample No. WW3358/68 : Sampling Date 10/09/68 : Sampling Time 02:50 PM : Analytical Date 10/09/2568 - 16/09/2568

Physical Appearance: Yellow Turbid, Medium SS

Review by : P.Pa. (Miss Panida Ruamlarp)

Approved by : (Miss Sawittree Sukklom)

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6809125
Report No :6810-0093

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090415
Sampling Date : 03/09/2025**
Sampling Time : 10:17 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.1439	≤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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6809125
Report No :6810-0093

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090415
Sampling Date : 03/09/2025**
Sampling Time : 10:17 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6809125
Report No :6810-0093

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025

Sample No : W 68090415
Sampling Date : 03/09/2025**
Sampling Time : 10:17 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.1763	≤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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Aocha Khwansirimongkhon (ว-003-ค-0034)*
5. ** = These data are non laboratory data.

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

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

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

NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6809125
Report No : 6810- 0093

Customer : Pinthong 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 : 04/09/2025 - 19/09/2025
Sample No : W 68090415
Sampling Date : 03/09/2025**
Sampling Time : 10:17 AM**
Received Date : 04/09/2025
Reported Date : 04/10/2025

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	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.5	-
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	3,100	-
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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.0 L , G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon *
6. ** = These data are non laboratory data.

Examined By : .....
(Miss Nunnaphat Bakhuntod)
04/10/2025

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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. W6809125

TEST REPORT

Report No. 6810-0093

Customer	:	Pinthong 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 68090415
Sample Name	:	Holding Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:17 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon (ว-003-ค-0034)

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

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

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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. W6809125

TEST REPORT

Report No. 6810-0093

Customer	:	Pinthong 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 68090415
Sample Name	:	Holding Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:17 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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 : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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

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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. W6809125

TEST REPORT

Report No. 6810-0093

Customer	:	Pinthong 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 68090415
Sample Name	:	Holding Pond	Sampling Date	:	03/09/2025
Sampling By	:	ETC	Sampling Time	:	10:17 AM
Sampling Method	:	Grab	Received Date	:	04/09/2025
Tested Date	:	04/09/2025 – 19/09/2025	Reported Date	:	04/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

04/10/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), pH Adjust Tank		
Sampling Date	: 01/10/2568	**Report No.**	: 6810/R119
Sampling Time	: 10:21 AM	**Report Date**	: 15/10/2568
Sample No.	: WW3575/68	**Received Date**	: 01/10/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/10/2568 - 14/10/2568

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)	16	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	61	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	28.4	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	576	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	41.5	-
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	14.7	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	-
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	1.2	-
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	8.3	-

Physical Appearance	: Yellow Turbid, Lightly SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by :
(Miss Panida Ruamlarp)
ว-341-ก-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ก-0004

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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), pH Adjust Tank		
Sampling Date	: 01/10/2568	Report No.	: 6810/R119
Sampling Time	: 10:21 AM	Report Date	: 15/10/2568
Sample No.	: WW3575/68	Received Date	: 01/10/2568
Sample Type	: Wastewater	Analytical Date	: 01/10/2568 - 14/10/2568

Item / Parameter	Unit	Method	Result	Standard
Free Chlorine	mg/L	Portable Photometer	not available	-

Physical Appearance	: Yellow Turbid, Lightly SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : P.Ru.
(Miss Panida Ruamlarp)

Approved by : Suw
(Miss Sawittree Sukklom)

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6810085
Report No :6810-1633

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100316
Sampling Date : 02/10/2025**
Sampling Time : 11:30 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

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)	0.14	≤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	< 0.50	≤1

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

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6810085
Report No :6810-1633

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100316
Sampling Date : 02/10/2025**
Sampling Time : 11:30 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 (บริเวณสุบน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6810085
Report No :6810-1633

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100316
Sampling Date : 02/10/2025**
Sampling Time : 11:30 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0059	≤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)	0.45	≤5

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6810085
Report No :6810 -1633

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100316
Sampling Date : 02/10/2025**
Sampling Time : 11:30 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.92	-
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)	3.37	≤10

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

Remark :
1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Suphareerk Phatklang *
6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Nunnaphat Bakhuntod)
29/10/2025

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Request No. W6810085

TEST REPORT

Report No. 6810-1633

Customer	:	Pinthong 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 68100316
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 L [2 Bottle]]

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)
29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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

Request No. W6810085

TEST REPORT

Report No. 6810-1633

Customer	:	Pinthong 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 68100316
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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 : Wastewater (yellowish, turbid)

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

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

Examined By .....

(Miss Apiradee Chuen-arom)

29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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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. W6810085

TEST REPORT

Report No. 6810-1633

Customer	:	Pinthong 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 68100316
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)

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

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)

29/10/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Inspection Tank		
Sampling Date	: 01/10/2568	**Report No.**	: 6810/R121
Sampling Time	: 10:57 AM	**Report Date**	: 15/10/2568
Sample No.	: WW3577/68	**Received Date**	: 01/10/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/10/2568 - 14/10/2568

Item / Parameter	Unit	Method [2/]	Result	Standard [1/]
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	6	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	50	≤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)	357	≤3000
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	30.2	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.8	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	7.4	5.5-9.0

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P.Ra
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.
(Miss Sawittree Sukklom)
ว-341-ค-0004

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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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Inspection Tank		
Sampling Date	: 01/10/2568	Report No.	: 6810/R121
Sampling Time	: 10:57 AM	Report Date	: 15/10/2568
Sample No.	: WW3577/68	Received Date	: 01/10/2568
Sample Type	: Wastewater	Analytical Date	: 01/10/2568 - 14/10/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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. Ru.
(Miss Panida Ruamlarp)

Approved by : Sawittree
(Miss Sawittree Sukklom)

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6810085, W6810687
Report No : 6810-1634-1,6811-0409

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025

Sample No : W 68100317, W 68102179
Sampling Date : 02/10/2025, 29/10/2025**
Sampling Time : 10:35 AM, 10:50 AM**
Received Date : 03/10/2025, 30/10/2025
Reported Date : 07/11/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0746	≤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. Sample : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L [2 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102179 : Sampling Date 29/10/2025 (10:50 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. 6810-1634

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6810085, W6810687
Report No : 6810-1634-1,6811-0409

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025

Sample No : W 68100317, W68102179
Sampling Date : 02/10/2025, 29/10/2025**
Sampling Time : 10:35 AM, 10:50 AM**
Received Date : 03/10/2025, 30/10/2025
Reported Date : 07/11/2025

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102179 : Sampling Date 29/10/2025 (10:50 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. 6810-1634

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6810085, W681068
Report No : 6810-1634-1,6811-0409

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025

Sample No : W 68100317, W68102179
Sampling Date : 02/10/2025, 29/10/2025**
Sampling Time : 10:35 AM, 10:50 AM**
Received Date : 03/10/2025, 30/10/2025
Reported Date : 07/11/2025

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)	0.09	≤5

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102179 : Sampling Date 29/10/2025 (10:50 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Suphararerk Phatklang (ว-003-ค-0031)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6810-1634

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6810085
Report No : 6810- 1634

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025

Sample No : W 68100317
Sampling Date : 02/10/2025**
Sampling Time : 10:35 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

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)	35,000	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.9	-
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	490	-
Flow Rate *	m^3/day	Calculation Method	not available	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.35	-

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Suphareerk Phatklang *
6. ** = These data are non laboratory data.

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
29/10/2025

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

Request No. W6810085

TEST REPORT

Report No. 6810-1634

Customer	:	Pinthong 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 68100317
Sample Name	:	Effluent Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	10:35 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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)
29/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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ACCREDITED LABORATORY
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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. W6810085

TEST REPORT

Report No. 6810-1634

Customer	:	Pinthong 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 68100317
Sample Name	:	Effluent Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	10:35 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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 : Wastewater (yellowish, turbid, nonsmelling)

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

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)

29/10/2025

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Request No. W6810085

TEST REPORT

Report No. 6810-1634

Customer	:	Pinthong 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 68100317
Sample Name	:	Effluent Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	10:35 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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)

29/10/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 01/10/2568	**Report No.**	: 6810/R120
Sampling Time	: 10:28 AM	**Report Date**	: 15/10/2568
Sample No.	: WW3576/68	**Received Date**	: 01/10/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/10/2568 - 14/10/2568

Item / Parameter	Unit	Method [2/]	Result	Standard [1/]
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	5	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	48	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.0	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	406	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	18.9	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.9	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	8.0	5.5-9.0

Physical Appearance	:	Yellow, Lightly SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : (Miss Panida Ruamlarp) ว-341-ค-0002

Approved by : (Miss Sawittree Sukklom) ว-341-ค-0004

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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 01/10/2568	**Report No.**	: 6810/R120
Sampling Time	: 10:28 AM	**Report Date**	: 15/10/2568
Sample No.	: WW3576/68	**Received Date**	: 01/10/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/10/2568 - 14/10/2568

Item / Parameter	Unit	Method	Result	Standard 1/
Free Chlorine	mg/L	Portable Photometer	0.05	≤1

Physical Appearance	: Yellow, Lightly SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.Ru.
(Miss Panida Ruamlarp)

Approved by : Sum
(Miss Sawittree Sukklom)

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W 6810085, W6810687
Report No : 6810-1635-1, 6811-0410

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100318, W 68102180
Sampling Date : 02/10/2025, 29/10/2025**
Sampling Time : 11:45 AM, 10:55 AM**
Received Date : 03/10/2025, 30/10/2025
Reported Date : 07/11/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.1143	≤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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, G 2.5 L [2 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102180 : Sampling Date 29/10/2025 (10:55 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Suphararerk Phatklang (ว-003-ค-0031)*
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6810-1635

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6810085, W6810687
Report No : 6810-1635-1, 6811-0410

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100318, W 68102180
Sampling Date : 02/10/2025, 29/10/2025**
Sampling Time : 11:45 AM, 10:55 AM**
Received Date : 03/10/2025, 30/10/2025
Reported Date : 07/11/2025

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102180 : Sampling Date 29/10/2025 (10:55 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. 6810-1635

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6810085, W6810687
Report No : 6810-1635-1, 6811-0410

Customer	: Pinthong 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 68100318, W 68102180
Sample Name	: Holding Pond**	Sampling Date	: 02/10/2025, 29/10/2025*
Sampling By	: ETC**	Sampling Time	: 11:45 AM, 10:55 AM**
Sampling Method	: Grab**	Received Date	: 03/10/2025, 30/10/2025
Tested Date	: 04/10/2025 - 28/10/2025	Reported Date	: 07/11/2025

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)	0.04	≤5

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. /2 Sample No. W68102180 : Sampling Date 29/10/2025 (10:55 AM) : 30/10/2025 - 05/11/2025
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. 6810-1635

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
07/11/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
07/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6810085
Report No :6810- 1635

Customer : Pinthong 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 : 04/10/2025 - 28/10/2025
Sample No : W 68100318
Sampling Date : 02/10/2025**
Sampling Time : 11:45 AM**
Received Date : 03/10/2025
Reported Date : 29/10/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.8	-
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)	0.15	-

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

Remark :
1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *
6. ** = These data are non laboratory data.

Examined By : .....
(Miss Nunnaphat Bakhuntod)
29/10/2025

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

Request No. W6810085

TEST REPORT

Report No. 6810-1635

Customer	:	Pinthong 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 68100318
Sample Name	:	Holding Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:45 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 L , G 0.25 L [2 Bottle]]

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)
29/10/2025

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Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
29/10/2025

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

Request No. W6810085

TEST REPORT

Report No. 6810-1635

Customer	:	Pinthong 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 68100318
Sample Name	:	Holding Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:45 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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 : Wastewater (yellowish, turbid, nonsmelling)

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

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)

29/10/2025

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Request No. W6810085

TEST REPORT

Report No. 6810-1635

Customer	:	Pinthong 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 68100318
Sample Name	:	Holding Pond	Sampling Date	:	02/10/2025
Sampling By	:	ETC	Sampling Time	:	11:45 AM
Sampling Method	:	Grab	Received Date	:	03/10/2025
Tested Date	:	04/10/2025- 28/10/2025	Reported Date	:	29/10/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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)

29/10/2025

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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), pH Adjust Tank		
Sampling Date	: 03/11/2568	**Report No.**	: 6811/R181
Sampling Time	: 10:35 AM	**Report Date**	: 13/11/2568
Sample No.	: WW4028/68	**Received Date**	: 03/11/2568
Sample Type	: Wastewater	**Analytical Date**	: 03/11/2568 - 12/11/2568

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)	18	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	71	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.6	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	180	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	24.4	-
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	4.2	-
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	16.2	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	20	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	-
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.5	-
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	7.2	-

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by :
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), pH Adjust Tank		
Sampling Date	: 03/11/2568	Report No.	: 6811/R181
Sampling Time	: 10:35 AM	Report Date	: 13/11/2568
Sample No.	: WW4028/68	Received Date	: 03/11/2568
Sample Type	: Wastewater	Analytical Date	: 03/11/2568 - 12/11/2568

Item / Parameter	Unit	Method	Result	Standard
Free Chlorine	mg/L	Portable Photometer	not available	-

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : P.Da
(Miss Panida Ruamlarp)

Approved by : Sawi
(Miss Sawittree Sukklom)

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1327

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025
Sample No : W 68110445
Sampling Date : 05/11/2025**
Sampling Time : 10:58 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0042	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	≤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 : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1327

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025
Sample No : W 68110445
Sampling Date : 05/11/2025**
Sampling Time : 10:58 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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)	0.04	≤1

Physical Apperance : 1. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขานั้นเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6811134
Report No : 6811-1327

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110445
Sampling Date : 05/11/2025**
Sampling Time : 10:58 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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)	0.48	≤5

Physical Apperance : 1. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุขน้ำเสีย)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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THAILAND
NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6811134
Report No :6811- 1327

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025
Sample No : W 68110445
Sampling Date : 05/11/2025**
Sampling Time : 10:58 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.01	-
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)	2.40	≤10

Physical Apperance : 1. Sample : Wastewater (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 TISI., 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 Miss Pornpinan Viriyakusolkul *
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสุบน้ำเสีย)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Nunnaphat Bakhuntod)
21/11/2025

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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

Request No. W6811134

TEST REPORT

Report No. 6811-1327

Customer	:	Pinthong 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 68110445
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	10:58 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)

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

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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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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

Request No. W6811134

TEST REPORT

Report No. 6811-1327

Customer	:	Pinthong 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 68110445
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	10:58 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)

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

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 Miss Pornpinan Viriyakusolkul

Examined By .....

(Miss Apiradee Chuen-arom)

21/11/2025

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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. W6811134

TEST REPORT

Report No. 6811-1327

Customer	:	Pinthong 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 68110445
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	10:58 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 25/11/2025	Reported Date	:	25/11/2025

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 : Wastewater (yellowish, turbid)

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

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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

25/11/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Inspection Tank		
Sampling Date	: 03/11/2568	**Report No.**	: 6811/R183
Sampling Time	: 11:11 AM	**Report Date**	: 13/11/2568
Sample No.	: WW4030/68	**Received Date**	: 03/11/2568
Sample Type	: Wastewater	**Analytical Date**	: 03/11/2568 - 12/11/2568

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)	18	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	60	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.9	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	475	≤3000
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	20.8	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	33	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	<0.5	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	7.6	5.5-9.0

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by :
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Inspection Tank		
Sampling Date	: 03/11/2568	**Report No.**	: 6811/R183
Sampling Time	: 11:11 AM	**Report Date**	: 13/11/2568
Sample No.	: WW4030/68	**Received Date**	: 03/11/2568
Sample Type	: Wastewater	**Analytical Date**	: 03/11/2568 - 12/11/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
Free Chlorine	mg/L	Portable Photometer	0.06	≤1

Physical Appearance	:	Green Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1328

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110446
Sampling Date : 05/11/2025**
Sampling Time : 11:08 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0506	≤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 : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1328

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025
Sample No : W 68110446
Sampling Date : 05/11/2025**
Sampling Time : 11:08 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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)	0.07	≤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)	0.08	≤1

Physical Apperance : 1. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1328

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025
Sample No : W 68110446
Sampling Date : 05/11/2025**
Sampling Time : 11:08 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.1453	≤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)	0.14	≤5

Physical Apperance : 1. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6811134
Report No :6811 -1328

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110446
Sampling Date : 05/11/2025**
Sampling Time : 11:08 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	5.4	-
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	1,100	-
Flow Rate *	m^3/day	Calculation Method	not available	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	-

Physical Apperance : 1. Sample : Wastewater (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 TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul *
6. ** = These data are non laboratory data.

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
21/11/2025

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

Request No. W6811134

TEST REPORT

Report No. 6811-1328

Customer	:	Pinthong 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 68110446
Sample Name	:	Effluent Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:08 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

21/11/2025

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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

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

Request No. W6811134

TEST REPORT

Report No. 6811-1328

Customer	:	Pinthong 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 68110446
Sample Name	:	Effluent Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:08 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul

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Examined By .....

(Miss Apiradee Chuen-arom)

21/11/2025

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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. W6811134

TEST REPORT

Report No. 6811-1328

Customer	:	Pinthong 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 68110446
Sample Name	:	Effluent Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:08 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 25/11/2025	Reported Date	:	25/11/2025

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 : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

25/11/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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 Natchaya Thaion (ว-341-จ-0010)		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 03/11/2568	**Report No.**	: 6811/R182
Sampling Time	: 11:00 AM	**Report Date**	: 13/11/2568
Sample No.	: WW4029/68	**Received Date**	: 03/11/2568
Sample Type	: Wastewater	**Analytical Date**	: 03/11/2568 - 12/11/2568

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)	8	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	56	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.1	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	512	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	18.4	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	<0.5	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	9.0	5.5-9.0

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by :

(Miss Panida Ruamlarp)

ว-341-ค-0002

Approved by :

PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

(Miss Sawittree Sukklom)

ว-341-ค-0004

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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

ANALYSIS 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 Natchaya Thaion		
Sampling Method	: GRAB		
Sampling Name	: ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ5), Holding Pond		
Sampling Date	: 03/11/2568	Report No.	: 6811/R182
Sampling Time	: 11:00 AM	Report Date	: 13/11/2568
Sample No.	: WW4029/68	Received Date	: 03/11/2568
Sample Type	: Wastewater	Analytical Date	: 03/11/2568 - 12/11/2568

Item / Parameter	Unit	Method	Result	Standard 1/
Free Chlorine	mg/L	Portable Photometer	0.04	≤1

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1329

Customer : Pinthong 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 68110447
Sample Name	: Holding Pond**	Sampling Date	: 05/11/2025**
Sampling By	: ETC**	Sampling Time	: 11:35 AM**
Sampling Method	: Grab**	Received Date	: 06/11/2025
Tested Date	: 06/11/2025 - 17/11/2025	Reported Date	: 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0973	≤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. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6811134
Report No :6811-1329

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110447
Sampling Date : 05/11/2025**
Sampling Time : 11:35 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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 : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6811134
Report No :6811-1329

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110447
Sampling Date : 05/11/2025**
Sampling Time : 11:35 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.1604	≤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)	0.12	≤5

Physical Apperance : 1. Sample : Wastewater (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 TISI., # = 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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
21/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6811134
Report No :6811- 1329

Customer : Pinthong 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 : 06/11/2025 - 17/11/2025

Sample No : W 68110447
Sampling Date : 05/11/2025**
Sampling Time : 11:35 AM**
Received Date : 06/11/2025
Reported Date : 21/11/2025

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)	790	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.1	-
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)	0.18	-

Physical Apperance : 1. Sample : Wastewater (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 TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul *
6. ** = These data are non laboratory data.

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
21/11/2025

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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

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

Request No. W6811134

TEST REPORT

Report No. 6811-1329

Customer	:	Pinthong 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 68110447
Sample Name	:	Holding Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

21/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

21/11/2025

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

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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. W6811134

TEST REPORT

Report No. 6811-1329

Customer	:	Pinthong 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 68110447
Sample Name	:	Holding Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 17/11/2025	Reported Date	:	21/11/2025

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

21/11/2025

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

Request No. W6811134

TEST REPORT

Report No. 6811-1329

Customer	:	Pinthong 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 68110447
Sample Name	:	Holding Pond	Sampling Date	:	05/11/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	06/11/2025
Tested Date	:	06/11/2025 – 25/11/2025	Reported Date	:	25/11/2025

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 : Wastewater (yellowish, turbid, nonsmelling)

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

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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

25/11/2025

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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), pH Adjust Tank		
Sampling Date	: 01/12/2568	**Report No.**	: 6812/R381
Sampling Time	: 10:03 AM	**Report Date**	: 15/12/2568
Sample No.	: WW4568/68	**Received Date**	: 01/12/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/12/2568 - 12/12/2568

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)	37	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	114	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.9	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	282	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	23.8	-
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	54.4	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	55	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	48	-
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.6	-
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	7.6	-

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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

Review by :
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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), pH Adjust Tank		
Sampling Date	: 01/12/2568	Report No.	: 6812/R381
Sampling Time	: 10:03 AM	Report Date	: 15/12/2568
Sample No.	: WW4568/68	Received Date	: 01/12/2568
Sample Type	: Wastewater	Analytical Date	: 01/12/2568 - 12/12/2568

Item / Parameter	Unit	Method	Result	Standard
Free Chlorine	mg/L	Portable Photometer	not available	-

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

Remark :

Review by : P. Da
(Miss Panida Ruamlarp)

Approved by : Suw
(Miss Sawittree Sukklom)

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6812216
Report No : 6901-0145

Customer	: Pinthong 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 68120671
Sample Name	: ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##**	Sampling Date	: 08/12/2025**
Sampling By	: ETC**	Sampling Time	: 11:35 AM**
Sampling Method	: Grab**	Received Date	: 09/12/2025
Tested Date	: 10/12/2025 - 22/12/2025	Reported Date	: 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0107	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	≤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)	0.08	≤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 : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L [4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0145

Customer : Pinthong 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 : 10/12/2025 - 22/12/2025
Sample No : W 68120671
Sampling Date : 08/12/2025**
Sampling Time : 11:35 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

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)	0.19	≤1

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L [4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0145

Customer : Pinthong 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 : 10/12/2025 - 22/12/2025
Sample No : W 68120671
Sampling Date : 08/12/2025**
Sampling Time : 11:35 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	0.0131	≤0.02
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3120B)	0.13	≤0.75
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.41	≤5

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L [4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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.
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Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6812216
Report No :6901-0145

Customer : Pinthong 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 : 10/12/2025 - 22/12/2025
Sample No : W 68120671
Sampling Date : 08/12/2025**
Sampling Time : 11:35 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.59	-
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)	1.92	≤10

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L [4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., 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 *
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพของโครงการ (บริเวณสูบน้ำเสีย)

Examined By : .....
(Miss Nunnaphat Bakhuntod)
06/01/2026

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Request No. W6812216

TEST REPORT

Report No. 6901-0145

Customer	:	Pinthong 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 68120671
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	10/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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. Suphareerk Phatklang (ว-003-ค-0031)

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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683 หมู่ 11 ถ.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
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. W6812216

TEST REPORT

Report No. 6901-0145

Customer	:	Pinthong 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 68120671
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	10/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

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 : Wastewater (yellowish, turbid)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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)

06/01/2026

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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. W6812216

TEST REPORT

Report No. 6901-0145

Customer	:	Pinthong 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 68120671
Sample Name	:	ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ##	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:35 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	10/12/2025 – 20/01/2026	Reported Date	:	20/01/2026

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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)

20/01/2026

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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), Inspection Tank		
Sampling Date	: 01/12/2568	**Report No.**	: 6812/R383
Sampling Time	: 10:24 AM	**Report Date**	: 15/12/2568
Sample No.	: WW4570/68	**Received Date**	: 01/12/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/12/2568 - 12/12/2568

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)	77	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	27.5	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	472	≤3000
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	25.6	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	46	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	<0.5	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	7.3	5.5-9.0

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P. Da
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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F-7.8-03-04/14-07-68

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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

ANALYSIS 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), Inspection Tank		
Sampling Date	: 01/12/2568	**Report No.**	: 6812/R383
Sampling Time	: 10:24 AM	**Report Date**	: 15/12/2568
Sample No.	: WW4570/68	**Received Date**	: 01/12/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/12/2568 - 12/12/2568

Item / Parameter	Unit	Method	Result	Standard [1/]
Free Chlorine	mg/L	Portable Photometer	0.17	≤1

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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- End of Report -

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6812216
Report No :6901-0146

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025
Sample No : W 68120672
Sampling Date : 08/12/2025**
Sampling Time : 11:30 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0302	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	≤1

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0146

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025
Sample No : W 68120672
Sampling Date : 08/12/2025**
Sampling Time : 11:30 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

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)	0.14	≤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)	0.11	≤1

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6812216
Report No : 6901-0146

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025

Sample No : W 68120672
Sampling Date : 08/12/2025**
Sampling Time : 11:30 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤5

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6812216
Report No : 6901- 0146

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025

Sample No : W 68120672
Sampling Date : 08/12/2025**
Sampling Time : 11:30 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	790	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.5	-
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)	0.79	-

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *
6. ** = These data are non laboratory data.

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Examined By : .....
(Miss Nunnaphat Bakhuntod)
06/01/2026

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

Request No. W6812216

TEST REPORT

Report No. 6901-0146

Customer	:	Pinthong 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 68120672
Sample Name	:	Effluent Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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. Suphararerk Phatklang

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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

Request No. W6812216

TEST REPORT

Report No. 6901-0146

Customer	:	Pinthong 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 68120672
Sample Name	:	Effluent Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

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 : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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

Examined By .....

(Miss Apiradee Chuen-arom)

06/01/2026

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Request No. W6812216

TEST REPORT

Report No. 6901-0146

Customer	:	Pinthong 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 68120672
Sample Name	:	Effluent Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 20/01/2026	Reported Date	:	20/01/2026

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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)

20/01/2026

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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 :W6901270
Report No :6901-1106

Customer : Pinthong 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 : Customer
Sampling Method : Grab
Tested Date : 16/01/2026

Sample No : W 69010942
Sampling Date : 01/12/2025
Sampling Time : 10:24 AM
Received Date : 15/01/2026
Reported Date : 20/01/2026

Parameter	Unit	Method	Result	Standard/1
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02

Physical Apperance : 1. Sample : Wastewater (yellow, turbid)
2. Container : Normal [PE 0.5 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.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
20/01/2026

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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

REGISTERED LAB NO. ว-341

ANALYSIS 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	: 01/12/2568	**Report No.**	: 6812/R382
Sampling Time	: 10:13 AM	**Report Date**	: 15/12/2568
Sample No.	: WW4569/68	**Received Date**	: 01/12/2568
Sample Type	: Wastewater	**Analytical Date**	: 01/12/2568 - 12/12/2568

Item / Parameter	Unit	Method [2/]	Result	Standard [1/]
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	6	≤16
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	58	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	28.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	320	≤1300
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	25.6	≤50
Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L	Macro Kjeldahl,Titrimetric Method (SM 4500-Norg B and 4500-NH3 C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	20	≤300
Sulfide	mg/L	Iodometric Method (SM 4500-S2- F)	0.5	≤1
pH at 25 °C	-	Electrometric Method (SM 4500-H+B)	8.8	5.5-9.0

Physical Appearance	:	Yellow Turbid, Medium SS
Container of Sample	:	PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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.

Review by : P.Da
(Miss Panida Ruamlarp)
ว-341-ค-0002

Approved by :
(Miss Sawittree Sukklom)
ว-341-ค-0004

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

ANALYSIS 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	: 01/12/2568	Report No.	: 6812/R382
Sampling Time	: 10:13 AM	Report Date	: 15/12/2568
Sample No.	: WW4569/68	Received Date	: 01/12/2568
Sample Type	: Wastewater	Analytical Date	: 01/12/2568 - 12/12/2568

Item / Parameter	Unit	Method	Result	Standard 1/
Free Chlorine	mg/L	Portable Photometer	0.04	≤1

Physical Appearance	: Yellow Turbid, Medium SS
Container of Sample	: PE 0.5 L, PE 1.0 L, PE 2.0 L, G 1.0 L, G 0.3 L

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)

Approved by : (Miss Sawittree Sukklom)

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0147

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025
Sample No : W 68120673
Sampling Date : 08/12/2025**
Sampling Time : 11:10 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0780	≤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. Sample : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0147

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025

Sample No : W 68120673
Sampling Date : 08/12/2025**
Sampling Time : 11:10 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤5
Mercury #	mg/L	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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6812216
Report No :6901-0147

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025
Sample No : W 68120673
Sampling Date : 08/12/2025**
Sampling Time : 11:10 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

Parameter	Unit	Method	Result	Standard/1
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤0.75
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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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

NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No :W6812216
Report No :6901-0147

Customer : Pinthong 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 : 09/12/2025 - 22/12/2025

Sample No : W 68120673
Sampling Date : 08/12/2025**
Sampling Time : 11:10 AM**
Received Date : 09/12/2025
Reported Date : 06/01/2026

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)	11	-
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.2	-
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	2.0	-
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 : Wastewater (yellowish, turbid, nonsmelling)
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., 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.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang *
6. ** = These data are non laboratory data.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Nunnaphat Bakhuntod)
06/01/2026

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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. W6812216

TEST REPORT

Report No. 6901-0147

Customer	:	Pinthong 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 68120673
Sample Name	:	Holding Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

Parameter	Unit	Method	Method Detection Limit	Result	Standard[/1]
Organochlorine Pesticide group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.020	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC (SM:6630B)	0.030	Not Detected	****

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

Examined By.....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
06/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
06/01/2026

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Request No. W6812216

TEST REPORT

Report No. 6901-0147

Customer	:	Pinthong 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 68120673
Sample Name	:	Holding Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 22/12/2025	Reported Date	:	06/01/2026

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 : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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)

06/01/2026

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Request No. W6812216

TEST REPORT

Report No. 6901-0147

Customer	:	Pinthong 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 68120673
Sample Name	:	Holding Pond	Sampling Date	:	08/12/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	09/12/2025
Tested Date	:	09/12/2025 – 20/01/2026	Reported Date	:	20/01/2026

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

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid, nonsmelling)

2. Container : Normal [PE 0.5 L (4 Bottle) , PE 1.0 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. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

20/01/2026

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

Test Report

Request No : W6901205
Report No : 6901-0882

Customer : Pinthong 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 69010682
Sample Name	: Holding Pond	Sampling Date	: 01/12/2025
Sampling By	: Customer	Sampling Time	: 10:11 AM
Sampling Method	: Grab	Received Date	: 12/01/2026
Tested Date	: 12/01/2026	Reported Date	: 17/01/2026

Parameter	Unit	Method	Result	Standard/1
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02

Physical Apperance : 1. Sample : Wastewater (yellowish, turbid)
2. Container : Customer

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.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
17/01/2026

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.25	-
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)	0.06	-
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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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. / ** 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)
05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	21.5	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)	17,000	-
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)	2.56	-
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. / ** 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)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.38	≤ 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)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	142	-

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. / ** 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)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	12	-
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. / ** 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)
05/09/2025

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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. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan
5. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....

(Miss Apiradee Chuen-arom)

05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
4. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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Request No. W6807632

TEST REPORT

Report No. 6809-0388

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.	:	W68072101
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:15 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	-
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)	9.4	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	-
Free Chlorine *	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. / ** 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)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:15 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	8.05	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	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)	1.78	-
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. / ** These data are non laboratory data.
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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. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:15 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.62	≤ 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)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	213	-

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
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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]
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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)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159
Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:15 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	11	-
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
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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)
05/09/2025

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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. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....
(Miss Apiradee Chuen-arom)
05/09/2025

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Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6807632

TEST REPORT

Report No. 6809-0389

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.	:	W68072102
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:15 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.69	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0029	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.4	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	-
Free Chlorine *	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. / ** 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)
05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	12.9	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)	35,000	-
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)	2.36	-
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. / ** 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)
05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.71	≤ 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)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	165	-

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. / ** 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)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	24	-
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. / ** 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)
05/09/2025

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Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan
5. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

05/09/2025

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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. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan

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Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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Request No. W6807632

TEST REPORT

Report No. 6809-0390

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.	:	W68072103
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.76	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0074	≤ 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)	10.3	≤ 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	-
Free Chlorine *	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. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	21.8	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)	1,100	-
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)	1.73	-
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. Songpon Phiwuan*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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	7.1	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)	32	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	175	-

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
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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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8. ** These data are non laboratory data.

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Examined By.....
(Miss Nunnaphat Bakhuntod)
05/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	31	-
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
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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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Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan

Examined By.....

(Miss Apiradee Chuen-arom)

05/09/2025

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

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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

Request No. W6807632

TEST REPORT

Report No. 6809-0391

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.	:	W68072104
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.75	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0045	≤ 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	-
Free Chlorine *	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. / ** 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)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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)	17.4	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)	22,000	-
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)	1.62	-
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. / ** 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)
05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.56	≤ 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)	32	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	188	-

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. / ** 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)
05/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	25/07/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

Parameter	Unit	Method	Result	Standard /1
Total Kjeldahl Nitrogen *	mg/L as NH_3-N	Macro Kjeldahl Method (SM:4500-Norg B)	24	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	34	-
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
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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)
05/09/2025

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

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. Songpon Phiwuan
5. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

05/09/2025

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

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
4. Sampling By Mr. Songpon Phiwuan

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Request No. W6807632

TEST REPORT

Report No. 6809-0392

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.	:	W68072105
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	25/07/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	26/07/2025
Tested Date	:	26/07/2025 – 15/08/2025	Reported Date	:	05/09/2025

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. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
5. Sampling By Mr. Songpon Phiwuan

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

05/09/2025

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LABORATORY ACCREDITATION
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No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.94	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0035	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.9	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาดินทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
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No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	15.8	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	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)	3.21	-
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. Suphareerk Phatklang*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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	6.6	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)	118	-

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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	0.14	≤ 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Request No. W6808547

TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

20/09/2025

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TEST REPORT

Report No. 6809-1509

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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

20/09/2025

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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.	:	W68081644
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

20/09/2025

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No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:45 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.71	-
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)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.1	≤ 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)	44	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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. Supharerk Phatklang*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:45 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	10.5	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)	54,000	-
Flow Rate *	m^3/day	Calculation Method	259.0	-
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)	2.94	-
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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:45 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.56	≤ 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)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	146	-

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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:45 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	29	-
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)	0.21	≤ 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:45 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. Suphararerk Phatklang
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....

(Miss Apiradee Chuen-arom)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:45 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1510

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.	:	W68081645
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:45 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

20/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
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No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	0.0033	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.2	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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. Suphararerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	18.7	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)	92,000	-
Flow Rate *	m^3/day	Calculation Method	1,723	-
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)	2.59	-
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. Suphareerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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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

Request No. W6808547

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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	6.6	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)	110	-

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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	32	-
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. / ** 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....

(Miss Apiradee Chuen-arom)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1511

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.	:	W68081646
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.87	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0042	≤ 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)	4.9	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	28.9	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)	490	-
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)	2.14	-
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
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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
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8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.67	≤ 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)	30	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	148	-

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*
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	18	-
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)	0.05	≤ 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)
20/09/2025

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

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Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

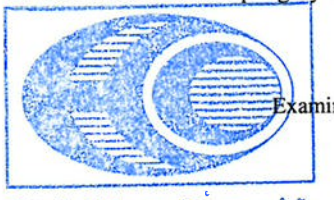
Parameter	Unit	Method	Method Detection Limit	Result	Standard/1
Organochlorine Pesticides group					
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.020	Not Detected	≤ 0.02
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410B)	0.030	Not Detected	-
gamma-BHC (Lindane)	µg/L	Liquid-Liquid 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



Examined By.....

(Miss Apiradee Chuen-arom)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1512

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.	:	W68081647
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	21/08/2025
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Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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

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Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

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Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.81	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0037	≤ 0.01
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.4	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	18.2	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)	4,900	-
Flow Rate *	m^3/day	Calculation Method	6,739	-
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)	2.17	-
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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
20/09/2025

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BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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	7.1	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)	149	-

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)
20/09/2025

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LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0159

Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	21/08/2025**
Sampling By	:	ETC**	Sampling Time	:	11:10 AM**
Sampling Method	:	Grab**	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)	19	-
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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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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20/09/2025

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

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Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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)

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Examined By.....

(Miss Apiradee Chuen-arom)

20/09/2025

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Request No. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

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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. W6808547

TEST REPORT

Report No. 6809-1513

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.	:	W68081648
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	21/08/2025
Sampling By	:	ETC	Sampling Time	:	11:10 AM
Sampling Method	:	Grab	Received Date	:	22/08/2025
Tested Date	:	22/08/2025 – 15/09/2025	Reported Date	:	20/09/2025

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

20/09/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.47	-
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)	0.07	-
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)	43	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.4	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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)	19.0	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	285.0	-
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)	1.96	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.70	≤ 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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	134	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:30 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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)	19	-
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 : Water (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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SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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
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Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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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

Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul
5. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาดินทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
24/10/2025

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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. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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 : Water (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. เขาดินทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)
4. Sampling By Miss Pornpinan Viriyakusolkul

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6809516

TEST REPORT

Report No. 6810-0769

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.	:	W68091683
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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

Physical Apperance : 1. Sample : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:50 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.29	-
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)	0.13	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.2	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.5	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pompinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:50 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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)	18.6	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)	4,900	-
Flow Rate *	m^3/day	Calculation Method	691.0	-
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)	2.74	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:50 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.47	≤ 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	6.7	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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	206	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:50 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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)	26	-
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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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. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul
5. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....
(Miss Apiradee Chuen-arom)
24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0770

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.	:	W68091684
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:50 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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

Physical Apperance : 1. Sample : Water (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 Miss Pornpinan Viriyakusolkul

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	3.58	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0030	≤ 0.01
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.3	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.3	-

Physical Apperance : 1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
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No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	35,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	25.1	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)	3,300	-
Flow Rate *	m^3/day	Calculation Method	855.0	-
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)	4.40	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
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No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 *	°C	Laboratory and Field Method (SM:2550 B)	22	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	188	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	9:10 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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)	63	-
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 : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul
5. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Apiradee Chuen-arom)
24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0771

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.	:	W68091685
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	9:10 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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

Physical Apperance : 1. Sample : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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TESTING 1712

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TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.91	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0047	≤ 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)	< 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.4	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ** These data are non laboratory data.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

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BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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)	28.6	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)	7,900	-
Flow Rate *	m^3/day	Calculation Method	570.0	-
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)	3.41	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ** These data are non laboratory data.

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.48	≤ 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)	0.0038	-
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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	193	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pompinan Viriyakusolkul *
8. ** These data are non laboratory data.

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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)	< 0.03	≤ 1

Physical Apperance :
1. Sample : Water (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 Miss Pornpinan Viriyakusolkul *
8. ** These data are non laboratory data.

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Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul

Examined By.....
(Miss Apiradee Chuen-arom)
24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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

Request No. W6809516

TEST REPORT

Report No. 6810-0772

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.	:	W68091686
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 24/10/2025	Reported Date	:	24/10/2025

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

Physical Apperance : 1. Sample : Water (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 Miss Pornpinan Viriyakusolkul

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Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.79	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0049	≤ 0.01
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.0	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.5	-

Physical Apperance :
1. Sample : Water (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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SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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)	28.4	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)	22,000	-
Flow Rate *	m^3/day	Calculation Method	691.0	-
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)	2.83	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW-5)

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.53	≤ 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	6.8	5.0-9.0
Selenium *	mg/L	Digestion, Hydride Generation / AAS Method (SM:3030F, 3114B&C)	0.0026	-
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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	185	-

Physical Apperance :
1. Sample : Water (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 / ** These data are non laboratory data.
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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4. Miss Nunnaphat Bakhuntod is Technical Management. / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	19/09/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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)	60	-
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 : Water (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 Miss Pornpinan Viriyakusolkul *
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

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Examined By.....
(Miss Nunnaphat Bakhuntod)
24/10/2025

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Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul
5. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Apiradee Chuen-arom)
24/10/2025

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Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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 : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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Request No. W6809516

TEST REPORT

Report No. 6810-0773

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.	:	W68091687
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	19/09/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	20/09/2025
Tested Date	:	20/09/2025- 09/10/2025	Reported Date	:	24/10/2025

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

Physical Apperance : 1. Sample : Water (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 Miss Pornpinan Viriyakusolkul

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

24/10/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.86	-
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)	0.13	-
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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.1	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	15.4	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)	35,000	-
Flow Rate *	m^3/day	Calculation Method	2,160	-
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)	2.43	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance : 1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
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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. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาดินทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.42	≤ 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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	184	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / ** These data are non laboratory data.
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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. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:40 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	32	-
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)	0.14	≤ 1

Physical Apperance : 1. Sample : Water (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*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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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

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Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Limit of Detection	Result	Standard/1
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3.**** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
4. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Apiradee Chuen-arom)
14/11/2025

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. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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 : Water (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

Examined By .....

(Miss Apiradee Chuen-arom)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

14/11/2025

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Request No. W6810474

TEST REPORT

Report No. 6811-0500

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.	:	W68101518
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:40 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 18/11/2025	Reported Date	:	18/11/2025

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

Physical Apperance : 1. Sample : Water (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)

18/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.51	-
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)	0.12	-
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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	16.0	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)	54,000	-
Flow Rate *	m^3/day	Calculation Method	5,875	-
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)	2.81	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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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. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 2) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.41	≤ 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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	182	-

Physical Apperance :
1. Sample : Water (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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3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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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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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:30 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	47	-
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	≤ 1

Physical Apperance :
1. Sample : Water (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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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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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. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Limit of Detection	Result	Standard/1
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
4. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....
(Miss Apiradee Chuen-arom)
14/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Request No. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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 : Water (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

Examined By .....

(Miss Apiradee Chuen-arom)

14/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6810474

TEST REPORT

Report No. 6811-0501

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.	:	W68101519
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 18/11/2025	Reported Date	:	18/11/2025

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

Physical Apperance : 1. Sample : Water (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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

18/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	6.98	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0035	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	not available	-

Physical Apperance : 1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	35,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	20.1	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)	0.007	≤ 0.005
E.coli *	MPN : 100 mL	MPN Test Method (SM:9221F)	13,000	-
Flow Rate *	m^3/day	Calculation Method	5,529	-
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.73	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31	≤ 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	7.6	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)	28	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	158	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:20 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	115	-
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 : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, turbid)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด. / Sampling By Mr. Supharerk Phatklang
4. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Apiradee Chuen-arom)
14/11/2025

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

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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 : Water (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. Supharerk Phatklang

Examined By .....

(Miss Apiradee Chuen-arom)

14/11/2025

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

Request No. W6810474

TEST REPORT

Report No. 6811-0502

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.	:	W68101520
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:20 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 18/11/2025	Reported Date	:	18/11/2025

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

Physical Apperance : 1. Sample : Water (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. Supharerk Phatklang

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Examined By .....

(Miss Apiradee Chuen-arom)

18/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:50 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	5.16	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0047	≤ 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)	3.4	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	not available	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:50 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	26.0	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	855.0	-
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)	4.42	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:50 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 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)	0.0994	-
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)	277	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	10:50 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	99	-
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)	0.05	≤ 1

Physical Apperance :
1. Sample : Water (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
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

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Examined By.....
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14/11/2025

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Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:50 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, turbid)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3.**** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang

Examined By.....
(Miss Apiradee Chuen-arom)
14/11/2025

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Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:50 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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 : Water (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. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

14/11/2025

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Request No. W6810474

TEST REPORT

Report No. 6811-0503

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.	:	W68101521
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	10:50 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 18/11/2025	Reported Date	:	18/11/2025

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

Physical Apperance : 1. Sample : Water (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. Sampling By Mr. Suphararerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

18/11/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Aluminium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	5.72	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0048	≤ 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)	4.4	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	not available	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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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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. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	25.9	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	1,425	-
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.56	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยเคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 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)	0.1048	-
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)	264	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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

NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	16/10/2025**
Sampling By	:	ETC**	Sampling Time	:	11:00 AM**
Sampling Method	:	Grab**	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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)	89	-
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 : Water (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 TISI., # = 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 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. Supharerk Phatklang*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
14/11/2025

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ACCREDITED LABORATORY ISO/IEC 17025

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Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Supharerk Phatklang
4. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Apiradee Chuen-arom)
14/11/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 14/11/2025	Reported Date	:	14/11/2025

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 : Water (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. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

14/11/2025

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Request No. W6810474

TEST REPORT

Report No. 6811-0504

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.	:	W68101522
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	16/10/2025
Sampling By	:	ETC	Sampling Time	:	11:00 AM
Sampling Method	:	Grab	Received Date	:	17/10/2025
Tested Date	:	17/10/2025 – 18/11/2025	Reported Date	:	18/11/2025

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

Physical Apperance : 1. Sample : Water (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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

18/11/2025

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	09:25 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	-
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)	0.08	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.5	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-

Physical Apperance : 1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
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No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	09:25 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	13.3	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)	7,000	-
Flow Rate *	m^3/day	Calculation Method	379.0	-
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)	1.07	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1) / MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	09:25 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.62	≤ 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)	26	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	166	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.
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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. Aocha Khwansirimongkhon*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	09:25 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	8	-
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance :
1. Sample : Water (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 TISI., # = 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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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. Aocha Khwansirimongkhon*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	9:25 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard/1
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Aocha Khwansirimongkhon
4. ## ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW 1)

Examined By.....
(Miss Apiradee Chuen-arom)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	9:25 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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 : Water (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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. W6812372

TEST REPORT

Report No. 6901-0730

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.	:	W68121145
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	9:25 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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

Physical Apperance : 1. Sample : Water (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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:55 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	-
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)	3.2	≤ 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.2	-

Physical Apperance :
1. Sample : Water (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. Aocha Khwansirimongkhon*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:55 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	22,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	10.4	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)	1,300	-
Flow Rate *	m^3/day	Calculation Method	406.0	-
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)	0.89	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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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. Aocha Khwansirimongkhon*
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:55 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27	≤ 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	7.7	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)	26	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	298	-

Physical Apperance :
1. Sample : Water (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
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon*
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Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:55 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	17	-
Trivalent Chromium *	mg/L as Cr^{3+}	Digestion,Direct ICP Method; Filtration,Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	-
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤ 1

Physical Apperance :
1. Sample : Water (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)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:55 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard/1
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Aocha Khwansirimongkhon
4. ## ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้นของ อบต. เขาคันทรง บริเวณถนนสาธารณะด้านทิศตะวันตกเฉียงเหนือของพื้นที่โครงการ (SW2)

Examined By.....
(Miss Apiradee Chuen-arom)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:55 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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 : Water (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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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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. W6812372

TEST REPORT

Report No. 6901-0731

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.	:	W68121146
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:55 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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

Physical Apperance : 1. Sample : Water (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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.68	-
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)	0.17	-
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.2	≤ 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)	41	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	11.1	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)	3,300	-
Flow Rate *	m^3/day	Calculation Method	3,088	-
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.09	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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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SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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	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)	26	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	170	-

Physical Apperance :
1. Sample : Water (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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	10:05 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	60	-
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 : Water (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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Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
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9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard/1
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Aocha Khwansirimongkhon
4. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (SW 3)

Examined By.....
(Miss Apiradee Chuen-arom)
12/01/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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EASTERN THAI CONSULTING 1992 CO., LTD.
683 Moo 11 Sukhaplbarn 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. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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 : Water (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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0732

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.	:	W68121147
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	10:05 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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

Physical Apperance : 1. Sample : Water (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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0733

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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.80	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0026	≤ 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)	< 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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	< 0.1	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
15/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0733

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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

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)	13.3	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)	7,000	-
Flow Rate *	m^3/day	Calculation Method	2,962	-
Formaldehyde *	mg/L	Distillation,Colorimetric Method	< 0.50	-
Hexavalent Chromium *	mg/L as Cr^{6+}	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.54	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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. Aocha Khwansirimongkhon*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
15/01/2026

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No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0733

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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.51	≤ 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)	27	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	178	-

Physical Apperance :
1. Sample : Water (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. Aocha Khwansirimongkhon*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
15/01/2026

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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	:	Surface Water (Pinthong Project 5)**	Sample No.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:30 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

Parameter	Unit	Method	Result	Standard /1
Total Kjeldahl Nitrogen *	mg/L as NH_3-N	Macro Kjeldahl Method (SM:4500-Norg B)	78	-
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	43	-
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 : Water (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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Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ $CaCO_3$ เกินกว่า 100 มิลลิกรัมต่อลิตร
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon*
8. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
15/01/2026

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Request No. W6812372

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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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3.**** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด / Sampling By Mr. Aocha Khwansirimongkhon

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)
15/01/2026

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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

Request No. W6812372

TEST REPORT

Report No. 6901-0733

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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

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 : Water (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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/01/2026

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

Request No. W6812372

TEST REPORT

Report No. 6901-0733

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.	:	W68121148
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (SW4)	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:30 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 15/01/2026	Reported Date	:	15/01/2026

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

Physical Apperance : 1. Sample : Water (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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

15/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:50 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Aluminium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.79	-
Arsenic *	mg/L	Continuous Hydride Generation / AAS Method (SM:3114B)	0.0037	≤ 0.01
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	-
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	-
Free Chlorine *	mg/L as Cl_2	DPD Colorimetric Method (SM:4500-Cl G)	0.1	-

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:50 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	10.7	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)	24,000	-
Flow Rate *	m^3/day	Calculation Method	3,771	-
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)	2.25	-
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05

Physical Apperance :
1. Sample : Water (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 TISI., # = 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 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. Aocha Khwansirimongkhon*
8. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)
9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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NSC-TISI-TIS 17025
TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:50 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Result	Standard /1
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.74	≤ 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)	0.0569	-
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)	27	ธ **
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	190	-

Physical Apperance :
1. Sample : Water (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. Aocha Khwansirimongkhon*
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9. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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TESTING 1712

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##**	Sampling Date	:	12/12/2025**
Sampling By	:	ETC**	Sampling Time	:	11:50 AM**
Sampling Method	:	Grab**	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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)	32	-
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 : Water (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. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Nunnaphat Bakhuntod)
12/01/2026

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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 Sukhaplbarn 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. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

Parameter	Unit	Method	Limit of Detection	Result	Standard[/1]
Organochlorine Pesticides group***					
aldrin	µg/L	In-house method TM-CH-090 based on	0.0125	Not Detected	≤ 0.1
α-BHC	µg/L	EPA Method 507 (1995) Revision 2.1 and	0.0125	Not Detected	≤ 0.02
α-endosulfan	µg/L	EPA method 508 (1995) Revision 3.1	0.0125	Not Detected	-
β-BHC	µg/L		0.0125	Not Detected	-
β-endosulfan	µg/L		0.0125	Not Detected	-
cis-chlordane	µg/L		0.0125	Not Detected	-
δ-BHC	µg/L		0.0125	Not Detected	-
dieldrin	µg/L		0.0125	Not Detected	≤ 0.1
endosulfan Sulfate	µg/L		0.0125	Not Detected	-
endrin	µg/L		0.0125	Not Detected	****
endrin-ketone	µg/L		0.0125	Not Detected	-
γ-BHC (Lindane)	µg/L		0.0125	Not Detected	-
heptachlor	µg/L		0.0125	Not Detected	≤ 0.2
heptachlor-exo-epoxide	µg/L		0.0125	Not Detected	≤ 0.2
HCB	µg/L		0.0125	Not Detected	-
methoxychlor	µg/L		0.0125	Not Detected	-
o,p'-DDD	µg/L		0.0125	Not Detected	-
o,p'-DDE	µg/L		0.0125	Not Detected	-
o,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
o,p'-dicofol	µg/L		0.0125	Not Detected	-
p,p'-DDD	µg/L		0.0125	Not Detected	-
p,p'-DDE	µg/L		0.0125	Not Detected	-
p,p'-DDT	µg/L		0.0125	Not Detected	≤ 1.0
p,p'-dicofol	µg/L		0.0125	Not Detected	-
trans-chlordane	µg/L		0.0125	Not Detected	-
Total DDT	µg/L		0.0125	Not Detected	≤ 1.0

Physical Apperance : 1. Sample : Water (yellow, lightly SS)
2. Container : Normal [PE 0.5 L (4 Bottle) , PE 2.0 L , G 1.0 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 Asia Medical and Agricultural Laboratory and Research Center Co.,Ltd.
3. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด /Sampling By Mr. Aocha Khwansirimongkhon
4. ## ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการระยะประมาณ 500 เมตร (SW 5)

Examined By.....
(Miss Apiradee Chuen-arom)
12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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 : Water (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. Aocha Khwansirimongkhon

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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Request No. W6812372

TEST REPORT

Report No. 6901-0734

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.	:	W68121149
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	12/12/2025
Sampling By	:	ETC	Sampling Time	:	11:50 AM
Sampling Method	:	Grab	Received Date	:	13/12/2025
Tested Date	:	13/12/2025 – 05/01/2026	Reported Date	:	12/01/2026

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

Physical Apperance : 1. Sample : Water (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. Aocha Khwansirimongkhon

Examined By .....

(Miss Apiradee Chuen-arom)

12/01/2026

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809 -1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.32	-
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, nonsmelling
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. Songpon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
16/09/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809 -1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.25	≤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	7.0	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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.
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Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809 -1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.03	≤5

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

Request No :W6808659
Report No :6809-1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	91.8	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	3,300	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.74	-
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	6.1	-
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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. 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.
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16/09/2025

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No.0159

Test Report

Request No :W6808659
Report No :6809-1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	94.0	-
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)	7.08	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	54.6	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	11.0	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	8,900	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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.
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4. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.
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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1204

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081946
Sampling Date : 28/08/2025**
Sampling Time : 9:30 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	2.31	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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. 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.
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809- 1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 17/09/2025

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)	0.31	-
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, nonsmelling
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)
16/09/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809- 1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤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	7.0	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809- 1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.05	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	90.3	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	13,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.92	-
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	-
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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 : W6808659
Report No : 6809-1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	92.0	-
Iron *	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)	6.86	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	51.6	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	11.1	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	15,000	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1205

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081947
Sampling Date : 28/08/2025**
Sampling Time : 9:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	304	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	2.66	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809- 1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.37	-
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, nonsmelling
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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16/09/2025

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16/09/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No : W6808659
Report No : 6809- 1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.52	≤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	7.1	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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)
16/09/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809- 1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	< 0.03	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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. Songpon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
16/09/2025

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Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	17.0	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	7,900	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	4.45	-
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	-
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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.
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6808659
Report No :6809-1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	186	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.29	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	148	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	129	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	37.3	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	3,200	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6808659
Report No :6809-1206

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081948
Sampling Date : 28/08/2025**
Sampling Time : 11:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	418	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	3.88	-

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
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 : W6808659
Report No : 6809- 1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.38	-
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 : orange, turbid, nonsmelling
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)
16/09/2025

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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809- 1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.54	≤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	7.1	-
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01

Physical Apperance : 1. Sample : orange, turbid, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809- 1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	< 0.03	≤5

Physical Apperance : 1. Sample : orange, turbid, nonsmelling
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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16/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	82.1	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	54,000	-
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	4.43	-
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
E.coli *	MPN:100 mL	MPN Test Method (SM:9221F)	22	-
Fluoride #	mg/L	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	-

Physical Apperance : 1. Sample : orange, turbid, nonsmelling
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 Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Hardness #	mg/L as $CaCO_3$	EDTA Titrimetric Method (SM:2540C)	60.0	-
Iron *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.38	-
Nitrate *	mg/L as NO_3^-	Cadmium Reduction Method (SM:4500 -NO3- E)	3.26	-
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	30.4	-
Sulfate *	mg/L as SO_4^{2-}	Turbidimetric Method (SM:4500 -SO42- E)	10.3	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	35,000	-

Physical Apperance : 1. Sample : orange, turbid, nonsmelling
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)
16/09/2025

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6808659
Report No :6809-1207

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081949
Sampling Date : 28/08/2025**
Sampling Time : 10:20 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	242	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	45.5	-

Physical Apperance : 1. Sample : orange, turbid, nonsmelling
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.
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1208

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081950
Sampling Date : 28/08/2025**
Sampling Time : 9:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.31	-
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)	96.6	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	790	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 ,
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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Test Report

Request No :W6808659
Report No :6809-1208

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081950
Sampling Date : 28/08/2025**
Sampling Time : 9:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.78	≤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)	100	≤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)	0.04	≤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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16/09/2025

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LABORATORY ACCREDITATION
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Test Report

Request No :W6808659
Report No :6809-1208

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081950
Sampling Date : 28/08/2025**
Sampling Time : 9:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.24	≤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)	5.71	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	62.6	≤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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Request No :W6808659
Report No :6809-1208

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081950
Sampling Date : 28/08/2025**
Sampling Time : 9:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Electrometric Method	7.1	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)	10.4	≤200
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	970	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	338	≤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 ,
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Test Report

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Report No :6809-1208

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081950
Sampling Date : 28/08/2025**
Sampling Time : 9:10 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.60	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤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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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0159

Test Report

Request No :W6808659
Report No :6809-1209

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081951
Sampling Date : 28/08/2025**
Sampling Time : 10:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.31	-
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)	95.2	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	7,900	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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Test Report

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Report No :6809-1209

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081951
Sampling Date : 28/08/2025**
Sampling Time : 10:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	3.99	≤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)	100	≤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)	0.04	≤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 :6809-1209

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081951
Sampling Date : 28/08/2025**
Sampling Time : 10:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.24	≤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)	6.02	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	59.6	≤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 ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
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Test Report

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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 : บ้านมาบแสนสุข (GW2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 01/09/2025 - 08/09/2025

Sample No : W 68081951
Sampling Date : 28/08/2025**
Sampling Time : 10:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Electrometric Method	7.0	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)	10.6	≤200
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	530	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	325	≤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).
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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.
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Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1209

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081951
Sampling Date : 28/08/2025**
Sampling Time : 10:50 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.44	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤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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Examined By : .....
(Miss Nunnaphat Bakhuntod)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809-1210

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081952
Sampling Date : 28/08/2025**
Sampling Time : 11:40 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.31	-
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)	28.7	≤250
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	790	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 ,
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)
16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1210

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081952
Sampling Date : 28/08/2025**
Sampling Time : 11:40 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
Color *	Pt.Co	Spectrophotometric Method (SM:2120C)	6.26	≤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)	82.0	≤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)	0.06	≤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 ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
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Examined By : .....
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16/09/2025

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LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0159

Test Report

Request No : W6808659
Report No : 6809-1210

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081952
Sampling Date : 28/08/2025**
Sampling Time : 11:40 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	0.24	≤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)	7.18	≤45
Non-Carbonate Hardness *	mg/L as $CaCO_3$	Calculation	10.1	≤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 ,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).
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16/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1210

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025

Sample No : W 68081952
Sampling Date : 28/08/2025**
Sampling Time : 11:40 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

Parameter	Unit	Method	Result	Standard/1
pH (on site) *		Electrometric Method	7.3	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)	12.4	≤200
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Bacteria *	CFU/mL	Pour Plate Count Method (SM:9215B)	1,300	≤500
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	440	≤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).
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16/09/2025

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LABORATORY ACCREDITATION
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TESTING
No.0159

Test Report

Request No :W6808659
Report No :6809-1210

Customer : Pinthong 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 : 01/09/2025 - 08/09/2025
Sample No : W 68081952
Sampling Date : 28/08/2025**
Sampling Time : 11:40 AM**
Received Date : 29/08/2025
Reported Date : 16/09/2025

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)	1.08	≤5
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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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16/09/2025

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Request No. W6809622

Report No. 6810-0275

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.	:	W68092017
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Chroococcus sp.	cell/L	Counting Chamber	8
Oscillatoria sp.	cell/L	Counting Chamber	87
Division Chlorophyta			
Euglena sp.	cell/L	Counting Chamber	95
Lepocinclis sp.	cell/L	Counting Chamber	80
Phacus sp.	cell/L	Counting Chamber	16
Strombomonas sp.	cell/L	Counting Chamber	8
Trachelomonas sp.	cell/L	Counting Chamber	127
Division Chromophyta			
Achnanthidium sp.	cell/L	Counting Chamber	72
Aulacoseira sp.	cell/L	Counting Chamber	8
Cyclotella sp.	cell/L	Counting Chamber	143
Eunotia sp.	cell/L	Counting Chamber	80
Gomhonema sp.	cell/L	Counting Chamber	16
Gyrosigma sp.	cell/L	Counting Chamber	16
Navicula sp.	cell/L	Counting Chamber	223
Nitzschia sp.	cell/L	Counting Chamber	95
Pinnularia sp.	cell/L	Counting Chamber	159
Plagiotropis sp.	cell/L	Counting Chamber	8
Surirella sp.	cell/L	Counting Chamber	135
Synedra sp.	cell/L	Counting Chamber	413
Tabellaria sp.	cell/L	Counting Chamber	119
Tryblionella sp.	cell/L	Counting Chamber	8
Total Genus	-		**21**
Total Phytoplankton	**cell/L**		**1,916**
Diversity Index	-		**2.58**

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

(Miss Apiradee Chuen-arom)

06/10/2025

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

Request No. W6809622

Report No. 6810-0275

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.	:	W68092017
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	24
Euglypha sp.	ind./L	Counting Chamber	159
Phylum Rotifera			
Colurella sp.	ind./L	Counting Chamber	8
Lecane sp.	ind./L	Counting Chamber	24
Lepadella sp.	ind./L	Counting Chamber	8

Total Genus	-	**5**
Total Zooplankton	**ind./L**	**223**
Diversity Index	-	**0.96**

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

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Examined By .....

(Miss Apiradee Chuen-arom)

06/10/2025

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Request No. W6809622

Report No. 6810-0275

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.	:	W68092017
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Lumbriculidae			
Lumbriculus sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	45
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	119
Total Genus	-		**2**
Total Benthos	**ind./m^2**		**164**
Diversity Index	-		**0.59**

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)

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Request No. W6809622

Report No. 6810-0275

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.	:	W68092017
Sample Name	:	ห้วยมาบเอียงก่อนไหลผ่านฝายน้ำล้น ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	8:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	2	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	2	ตัว
Total Genus				**2**	-
Total Aquatic animal				**4**	ตัว
Diversity Index				**0.69**	-

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

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Request No. W6809622

Report No. 6810-0276

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.	:	W68092018
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Anabaena sp.	cell/L	Counting Chamber	9
Merismopedia sp.	cell/L	Counting Chamber	104
Oscillatoria sp.	cell/L	Counting Chamber	945
Raphidiopsis sp.	cell/L	Counting Chamber	9
Division Chlorophyta			
Crucigenia sp.	cell/L	Counting Chamber	142
Dictyosphaerium sp.	cell/L	Counting Chamber	19
Euglena sp.	cell/L	Counting Chamber	236
Gonium sp.	cell/L	Counting Chamber	9
Lepocinclis sp.	cell/L	Counting Chamber	1,985
Micractinium sp.	cell/L	Counting Chamber	19
Pediastrum sp.	cell/L	Counting Chamber	662
Phacus sp.	cell/L	Counting Chamber	1,040
Scenedesmus sp.	cell/L	Counting Chamber	2,079
Strombomonas sp.	cell/L	Counting Chamber	189
Trachelomonas sp.	cell/L	Counting Chamber	74,466
Division Chromophyta			
Cyclotella sp.	cell/L	Counting Chamber	85
Gomhonema sp.	cell/L	Counting Chamber	9
Peridinium sp.	cell/L	Counting Chamber	151
Pinnularia sp.	cell/L	Counting Chamber	28
Total Genus	-		**19**
Total Phytoplankton	**cell/L**		**82,186**
Diversity Index	-		**0.50**

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)

06/10/2025

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Request No. W6809622

Report No. 6810-0276

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.	:	W68092018
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	9
Coleps sp.	ind./L	Counting Chamber	104
Euglypha sp.	ind./L	Counting Chamber	9
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	9
Brachionus sp.	ind./L	Counting Chamber	19
Polyarthra sp.	ind./L	Counting Chamber	76
Phylum Arthropoda			
Copepod nauplius	ind./L	Counting Chamber	47
Total Genus	-		**7**
Total Zooplankton	**ind./L**		**273**
Diversity Index	-		**1.55**

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)

06/10/2025

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Request No. W6809622

Report No. 6810-0276

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.	:	W68092018
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Mollusca			
Family Ampullariidae			
Pomacea sp. (หอยเชอรี่)	ind./m^2	Counting Chamber	15
Family Thiaridae			
Tarebia sp. (หอยเจดีย์)	ind./m^2	Counting Chamber	252
Family Viviparidae			
Filopaludina sp. (หอยขม)	ind./m^2	Counting Chamber	30

Total Genus	-	**3**
Total Benthos	**ind./m^2**	**297**
Diversity Index	-	**0.52**

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)

06/10/2025

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Report No. 6810-0276

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.	:	W68092018
Sample Name	:	ห้วยมาบเอียงหลังไหลผ่านฝายน้ำล้น##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	*Trichopodus trichopterus*	ปลากระดี่หม้อ	3	ตัว
	Cichlidae	*Oreochromis niloticus*	ปลานิล	11	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	2	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	3	ตัว
Total Genus				**4**	-
Total Aquatic animal				**19**	ตัว
Diversity Index				**1.14**	-

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)

06/10/ 2025

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Request No. W6809622

Report No. 6810-0277

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.	:	W68092019
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Merismopedia sp.	cell/L	Counting Chamber	945
Oscillatoria sp.	cell/L	Counting Chamber	756
Division Chlorophyta			
Actinastrum sp.	cell/L	Counting Chamber	28
Crucigenia sp.	cell/L	Counting Chamber	482
Dictyosphaerium sp.	cell/L	Counting Chamber	1,134
Eudorina sp.	cell/L	Counting Chamber	9
Euglena sp.	cell/L	Counting Chamber	473
Lepocinclis sp.	cell/L	Counting Chamber	378
Oocystis sp.	cell/L	Counting Chamber	406
Pandorina sp.	cell/L	Counting Chamber	9
Pediastrum sp.	cell/L	Counting Chamber	662
Phacus sp.	cell/L	Counting Chamber	1,040
Scenedesmus sp.	cell/L	Counting Chamber	6,332
Selenastrum sp.	cell/L	Counting Chamber	19
Sphaerocystis sp.	cell/L	Counting Chamber	9
Strombomonas sp.	cell/L	Counting Chamber	614
Trachelomonas sp.	cell/L	Counting Chamber	14,270

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)

06/10/2025

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

Request No. W6809622

Report No. 6810-0277

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.	:	W68092019
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chromophyta			
Cyclotella sp.	cell/L	Counting Chamber	19
Fragilaria sp.	cell/L	Counting Chamber	9
Gomhonema sp.	cell/L	Counting Chamber	359
Gyrosigma sp.	cell/L	Counting Chamber	19
Navicula sp.	cell/L	Counting Chamber	19
Peridinium sp.	cell/L	Counting Chamber	680
Pinnularia sp.	cell/L	Counting Chamber	255
Surirella sp.	cell/L	Counting Chamber	28
Synedra sp.	cell/L	Counting Chamber	28
Total Genus	-		**26**
Total Phytoplankton	**cell/L**		**28,982**
Diversity Index	-		**1.79**

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)

06/10/2025

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Request No. W6809622

Report No. 6810-0277

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.	:	W68092019
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	19
Coleps sp.	ind./L	Counting Chamber	217
Euglypha sp.	ind./L	Counting Chamber	19
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	9
Brachionus sp.	ind./L	Counting Chamber	19
Colurella sp.	ind./L	Counting Chamber	9
Lecane sp.	ind./L	Counting Chamber	9
Philodina sp.	ind./L	Counting Chamber	9
Polyarthra sp.	ind./L	Counting Chamber	142
Trichocerca sp.	ind./L	Counting Chamber	9
Phylum Arthropoda			
Copepod nauplius	ind./L	Counting Chamber	85
Cycopoid copepod	ind./L	Counting Chamber	28
Moina sp.	ind./L	Counting Chamber	19

Total Genus	-	**13**
Total Zooplankton	**ind./L**	**593**
Diversity Index	-	**1.89**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

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Examined By .....

(Miss Apiradee Chuen-arom)

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Request No. W6809622

Report No. 6810-0277

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.	:	W68092019
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Lumbriculidae			
Lumbriculus sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	134
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	297

Total Genus	-	**2**
Total Benthos	**ind./m^2**	**431**
Diversity Index	-	**0.62**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. ## ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร ก่อนจุดระบายน้ำทิ้งของโครงการ (BIO 3)

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Examined By .....

(Miss Apiradee Chuen-arom)

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Request No. W6809622

Report No. 6810-0277

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.	:	W68092019
Sample Name	:	ห้วยมาบเอียงที่ระยะประมาณ 500 เมตร##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	9:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	*Trichopodus trichopterus*	ปลากระดี่หม้อ	7	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	3	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	1	ตัว

Total Genus	**3**	-
Total Aquatic animal	**11**	ตัว
Diversity Index	**0.86**	-

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

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Request No. W6809622

Report No. 6810-0278

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.	:	W68092020
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Oscillatoria sp.	cell/L	Counting Chamber	428
Division Chlorophyta			
Actinastrum sp.	cell/L	Counting Chamber	43
Ankistrodesmus sp.	cell/L	Counting Chamber	95
Chlorella sp.	cell/L	Counting Chamber	34
Closterium sp.	cell/L	Counting Chamber	43
Cosmarium sp.	cell/L	Counting Chamber	9
Crucigenia sp.	cell/L	Counting Chamber	94
Desmidium sp.	cell/L	Counting Chamber	17
Dictyosphaerium sp.	cell/L	Counting Chamber	34
Euglena sp.	cell/L	Counting Chamber	205
Lepocinclis sp.	cell/L	Counting Chamber	120
Micractinium sp.	cell/L	Counting Chamber	9
Oocystis sp.	cell/L	Counting Chamber	26
Pandorina sp.	cell/L	Counting Chamber	9
Pediastrum sp.	cell/L	Counting Chamber	599
Phacus sp.	cell/L	Counting Chamber	239
Scenedesmus sp.	cell/L	Counting Chamber	1,539
Sphaerocystis sp.	cell/L	Counting Chamber	103
Staurastrum sp.	cell/L	Counting Chamber	9

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

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06/10/2025

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Report No. 6810-0278

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.	:	W68092020
Sample Name	:	ห้วยมาบเอียงขุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chlorophyta			
Strombomonas sp.	cell/L	Counting Chamber	103
Tetraedron sp.	cell/L	Counting Chamber	86
Trachelomonas sp.	cell/L	Counting Chamber	4,446
Division Chromophyta			
Amphora sp.	cell/L	Counting Chamber	17
Aulacoseira sp.	cell/L	Counting Chamber	9
Ceratium sp.	cell/L	Counting Chamber	145
Diatoma sp.	cell/L	Counting Chamber	17
Eunotia sp.	cell/L	Counting Chamber	9
Gomphonema sp.	cell/L	Counting Chamber	26
Gyrosigma sp.	cell/L	Counting Chamber	9
Navicula sp.	cell/L	Counting Chamber	34
Nitzschia sp.	cell/L	Counting Chamber	17
Peridinium sp.	cell/L	Counting Chamber	137
Pinnularia sp.	cell/L	Counting Chamber	9
Surirella sp.	cell/L	Counting Chamber	34
Synedra sp.	cell/L	Counting Chamber	26
Total Genus	-		**35**
Total Phytoplankton	**cell/L**		**8,779**
Diversity Index	-		**1.90**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

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Report No. 6810-0278

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.	:	W68092020
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	9
Coleps sp.	ind./L	Counting Chamber	60
Difflugia sp.	ind./L	Counting Chamber	17
Euglypha sp.	ind./L	Counting Chamber	26
Pyxicola sp.	ind./L	Counting Chamber	9
Vorticella sp.	ind./L	Counting Chamber	17
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	9
Polyarthra sp.	ind./L	Counting Chamber	34
Rotaria sp.	ind./L	Counting Chamber	9
Trichocerca sp.	ind./L	Counting Chamber	17
Phylum Arthropoda			
Copepod nauplius	ind./L	Counting Chamber	43
Cycopoid copepod	ind./L	Counting Chamber	9

Total Genus	-	**12**
Total Zooplankton	**ind./L**	**259**
Diversity Index	-	**2.25**

Physical Apperance : 1. Sample : -

2. Container : Normal [PE 0.5 L(2 Bottle)]

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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06/10/2025

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Request No. W6809622

Report No. 6810-0278

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.	:	W68092020
Sample Name	:	ห้วยมาบเอียงจุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	815
Phylum Arthropoda			
Family Chironomidae			
Chironomus sp. (หนอนแดง)	ind./m^2	Counting Chamber	45
Phylum Mollusca			
Family Ampullariidae			
Pomacea sp. (หอยเชอรี่)	ind./m^2	Counting Chamber	15
Family Thiaridae			
Melanoidea sp. (หอยเจดีย์)	ind./m^2	Counting Chamber	60
Family Cyrenidae			
Corbicula sp. (หอยทราย)	ind./m^2	Counting Chamber	238

Total Genus	-	**5**
Total Benthos	**ind./m^2**	**1,173**
Diversity Index	-	**0.91**

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By .....

(Miss Apiradee Chuen-arom)

06/10/2025

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Request No. W6809622

Report No. 6810-0278

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.	:	W68092020
Sample Name	:	ห้วยมาบเอียงอุดระบายน้ำทิ้งของโครงการ (BIO 4)	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:00 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Osphronemidae	*Trichopodus trichopterus*	ปลากระดี่หม้อ	2	ตัว
	Cichlidae	*Oreochromis niloticus*	ปลานิล	1	ตัว
	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	3	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	2	ตัว
Total Genus				**4**	-
Total Aquatic animal				**8**	ตัว
Diversity Index				**1.32**	-

Physical Apperance : 1. Sample : -

2. Container : 1 bag

Remark : 1. # Sampling and Tested by Faculty of Fisheries, Kasetsart University

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Examined By.....

(Miss Apiradee Chuen-arom)

06/10/ 2025

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Request No. W6809622

Report No. 6810-0279

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.	:	W68092021
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Cyanophyta			
Anabaena sp.	cell/L	Counting Chamber	19
Microcystis sp.	cell/L	Counting Chamber	19
Oscillatoria sp.	cell/L	Counting Chamber	104
Division Chlorophyta			
Actinastrum sp.	cell/L	Counting Chamber	19
Closterium sp.	cell/L	Counting Chamber	57
Cosmarium sp.	cell/L	Counting Chamber	151
Crucigenia sp.	cell/L	Counting Chamber	142
Desmidium sp.	cell/L	Counting Chamber	47
Dictyosphaerium sp.	cell/L	Counting Chamber	151
Euglena sp.	cell/L	Counting Chamber	142
Lepocinclis sp.	cell/L	Counting Chamber	19
Pediastrum sp.	cell/L	Counting Chamber	491
Phacus sp.	cell/L	Counting Chamber	473
Scenedesmus sp.	cell/L	Counting Chamber	1,701
Sphaerocystis sp.	cell/L	Counting Chamber	95
Staurastrum sp.	cell/L	Counting Chamber	19
Trachelomonas sp.	cell/L	Counting Chamber	1,985

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

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Examined By .....

(Miss Apiradee Chuen-arom)

06/10/2025

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Request No. W6809622

Report No. 6810-0279

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.	:	W68092021
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Phytoplankton			
Division Chromophyta			
Ceratium sp.	cell/L	Counting Chamber	142
Diatoma sp.	cell/L	Counting Chamber	284
Gomhonema sp.	cell/L	Counting Chamber	113
Gyrosigma sp.	cell/L	Counting Chamber	9
Navicula sp.	cell/L	Counting Chamber	265
Peridinium sp.	cell/L	Counting Chamber	95
Pinnularia sp.	cell/L	Counting Chamber	9
Surirella sp.	cell/L	Counting Chamber	113
Synedra sp.	cell/L	Counting Chamber	17,766
Total Genus	-		**26**
Total Phytoplankton	**cell/L**		**24,430**
Diversity Index	-		**1.21**

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)

06/10/2025

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Request No. W6809622

Report No. 6810-0279

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.	:	W68092021
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Zooplankton			
Phylum Protozoa			
Arcella sp.	ind./L	Counting Chamber	95
Coleps sp.	ind./L	Counting Chamber	19
Euglypha sp.	ind./L	Counting Chamber	104
Vorticella sp.	ind./L	Counting Chamber	9
Phylum Rotifera			
Anuraeopsis sp.	ind./L	Counting Chamber	19
Asplanchna sp.	ind./L	Counting Chamber	9
Cephalodella sp.	ind./L	Counting Chamber	28
Colurella sp.	ind./L	Counting Chamber	38
Lecane sp.	ind./L	Counting Chamber	19
Polyarthra sp.	ind./L	Counting Chamber	47
Phylum Arthropoda			
Copepod nauplius	ind./L	Counting Chamber	19

Total Genus	-	**11**
Total Zooplankton	**ind./L**	**406**
Diversity Index	-	**2.07**

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

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Examined By .....

(Miss Apiradee Chuen-arom)

06/10/2025

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Request No. W6809622

Report No. 6810-0279

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.	:	W68092021
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Unit	Method	Result
Benthos			
Phylum Annelida			
Family Naididae			
Branchiura sp. (ไส้เดือนน้ำ)	ind./m^2	Counting Chamber	45
Phylum Mollusca			
Family Cyrenidae			
Corbicula sp. (หอยทราย)	ind./m^2	Counting Chamber	15

Total Genus	-	**2**
Total Benthos	**ind./m^2**	**60**
Diversity Index	-	**0.56**

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)

06/10/2025

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Request No. W6809622

Report No. 6810-0279

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.	:	W68092021
Sample Name	:	ห้วยมาบเอียงหลังจุดระบายน้ำทิ้งของโครงการ##	Sampling Date	:	24/09/2025
Sampling By	:	Si Racha Fisheries Research Station	Sampling Time	:	10:30 AM
Sampling Method	:	Grab	Received Date	:	25/09/2025
Tested Date	:	25/09/2025 – 02/10/2025	Reported Date	:	06/10/2025

Parameter #	Family	Scientific Name	ชื่อไทย	Result	Unit
Aquatic animal	Cyprinidae	*Puntius brevis*	ปลาตะเพียนทราย	5	ตัว
		Rasbora paviana	ปลาซิวควายแถบดำ	7	ตัว

Total Genus	**2**	-
Total Aquatic animal	**12**	ตัว
Diversity Index	**0.68**	-

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.....

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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. Mcthod 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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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
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

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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 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

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

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 - 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)	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

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 No	:	W 68061991
Sample Name	:	หลังไหลผ่านฝายน้ำล้นของ อบต.เขาดินทรง (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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)
11/07/2025

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Test Report

Request No : W6806655
Report No : 6807-0537

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 - 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)	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

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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 - 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)	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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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 กำหนดมาตรฐานคุณภาพดะกอนดินในแหล่งน้ำผิวดิน 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 No	: W 68061993
Sample Name	: บริเวณจุดระบายน้ำทิ้งโครงการ (SD4)	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 10:30 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)	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 กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน เพื่อปกป้องสัตว์หน้าดิน พ.ศ. 2565
2. Unit mg/kg (Dry weight)
3. United States Environmental Protection Agency. SW-846 Mcthod 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 - Lacm 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 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- 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 No	: W 68061993
Sample Name	: บริเวณจุดระบายน้ำทิ้งโครงการ (SD4)	Sampling Date	: 27/06/2025
Sampling By	: ETC	Sampling Time	: 10:30 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)	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

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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 อีสเทิร์น ไทย คอนซัลติ้ง 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- 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 Name : หลังจุดระบายน้ำทิ้งของโครงการ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/07/2025 - 08/07/2025
Sample No : W 68061994
Sampling Date : 27/06/2025
Sampling Time : 11:00 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)	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 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. ## หลังจุดระบายน้ำทิ้งของโครงการประมาณ 500 เมตร (SD5)

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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 : W6808660
Report No : 6809-1372

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025

Sample No : W 68081953
Sampling Date : 28/08/2025
Sampling Time : 9:30 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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)	30.3	-
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.06	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric (US EPA.Method 3060A, 7196A)	< 0.25	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	10.3	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	130	≤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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศเหนือ (S1) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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

Test Report

Request No :W6808660
Report No :6809-1372

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081953
Sampling Date : 28/08/2025
Sampling Time : 9:30 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.45	≤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 (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation 7196A)	18.5	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	25.7	-

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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศเหนือ (S1) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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Test Report

Request No :W6808660
Report No :6809- 1372

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081953
Sampling Date : 28/08/2025
Sampling Time : 9:30 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5,033	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	10.1	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	12,833	-

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. Songpon Phiwuan
6. ## พื้นที่สีเขียวด้านทิศเหนือ (S1) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Test Report

Request No :W6808660
Report No :6809-1373

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081954
Sampling Date : 28/08/2025
Sampling Time : 9:50 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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)	10.8	-
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)	< 0.25	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	5.06	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	55.2	≤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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศตะวันออก (S2) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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Test Report

Request No :W6808660
Report No :6809-1373

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081954
Sampling Date : 28/08/2025
Sampling Time : 9:50 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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 (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation 7196A)	5.84	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	8.99	-

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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศตะวันออก (S2) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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Test Report

Request No : W6808660
Report No : 6809- 1373

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081954
Sampling Date : 28/08/2025
Sampling Time : 9:50 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	747	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.66	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,598	-

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. Songpon Phiwuan
6. ## พื้นที่สีเขียวด้านทิศตะวันออก (S2) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
18/09/2025

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Test Report

Request No :W6808660
Report No :6809-1374

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081955
Sampling Date : 28/08/2025
Sampling Time : 11:10 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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)	8.18	-
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)	< 0.25	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.68	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	79.7	≤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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศตะวันตก (S3) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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Test Report

Request No : W6808660
Report No : 6809-1374

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081955
Sampling Date : 28/08/2025
Sampling Time : 11:10 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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 (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation 7196A)	1.94	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	7.97	-

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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศตะวันตก (S3) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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

Test Report

Request No :W6808660
Report No :6809- 1374

Customer : Pinthong 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 68081955
Sample Name	: พื้นที่สีเขียวด้านทิศตะวันตก (S3)##	Sampling Date	: 28/08/2025
Sampling By	: ETC	Sampling Time	: 11:10 AM
Sampling Method	: Grab	Received Date	: 29/08/2025
Tested Date	: 04/09/2025 - 16/09/2025	Reported Date	: 18/09/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	863	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.25	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,923	-

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. Songpon Phiwuan
6. ## พื้นที่สีเขียวด้านทิศตะวันตก (S3) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Test Report

Request No :W6808660
Report No :6809-1375

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025

Sample No : W 68081956
Sampling Date : 28/08/2025
Sampling Time : 10:20 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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)	7.43	-
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)	< 0.25	≤212
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	3.34	≤800
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	81.0	≤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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศใต้ (S4) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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

Test Report

Request No :W6808660
Report No :6809-1375

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081956
Sampling Date : 28/08/2025
Sampling Time : 10:20 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

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 (Cr3+)	mg/kg	Digestion,ICP; Alkaline Digestion,Colorimetric,Calculation 7196A)	1.74	-
Zinc (Zn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.65	-

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. Songpon Phiwuan (ว-003-ค-0016)
5. ## พื้นที่สีเขียวด้านทิศใต้ (S4) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/09/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
18/09/2025

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Test Report

Request No : W6808660
Report No : 6809 -1375

Customer : Pinthong 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 : 04/09/2025 - 16/09/2025
Sample No : W 68081956
Sampling Date : 28/08/2025
Sampling Time : 10:20 AM
Received Date : 29/08/2025
Reported Date : 18/09/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	872	-
Copper (Cu)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1.20	≤35040
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	1,577	-

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. Songpon Phiwuan
6. ## พื้นที่สีเขียวด้านทิศใต้ (S4) (ดินที่ระดับความลึก 5 ซม.)

Examined By : .....
(Miss Apiradee Chuen-arom)
18/09/2025

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Test Report

Request No :W6812218
Report No :6812-1732

Customer : Pinthong 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 : กากตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 16/12/2025 - 24/12/2025

Sample No : W 68120677
Sampling Date : 08/12/2025
Sampling Time : 11:08 AM
Received Date : 09/12/2025
Reported Date : 25/12/2025

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)	4.32	≥10000
Cadmium (Cd)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	0.18	≥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)	9.62	≥2500
Lead (Pb)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	< 1.00	≥1000
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor AAS (US EPA. Method 3050B, 7471B)	< 0.20	≥20

Physical Apperance : 1. Sample : Sludge (black)
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. Supharerk Phatklang (ว-003-ค-0031)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
25/12/2025

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
25/12/2025

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Test Report

Request No :W6812218
Report No :6812-1732

Customer : Pinthong 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 : กากตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 16/12/2025 - 24/12/2025
Sample No : W 68120677
Sampling Date : 08/12/2025
Sampling Time : 11:08 AM
Received Date : 09/12/2025
Reported Date : 25/12/2025

Parameter	Unit	Method	Result	Standard/1
Nickel (Ni)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2.82	≥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)	31.8	≥5000

Physical Apperance : 1. Sample : Sludge (black)
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. Suphararerk Phatklang (ว-003-ค-0031)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
25/12/2025

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Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
25/12/2025

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Test Report

Request No :W6812218
Report No :6812- 1732

Customer : Pinthong 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 68120677
Sample Name	: กากตะกอนจากระบบผลิตน้ำประปา	Sampling Date	: 08/12/2025
Sampling By	: ETC	Sampling Time	: 11:08 AM
Sampling Method	: Grab	Received Date	: 09/12/2025
Tested Date	: 16/12/2025 - 24/12/2025	Reported Date	: 25/12/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium (Al)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	2,392	-
Iron (Fe)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	188	-
Manganese (Mn)	mg/kg	Digestion,ICP (US EPA. Method 3050B,6010C)	116	-
Trivalent Chromium (Cr^{3+})	mg/kg	Digestion,ICP ; Alkaline Digestion,Colorimetric, Calculation (US EPA.Method 6010C, 7196A)	< 2.00	≥2500

Physical Apperance : 1. Sample : Sludge (black)
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. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. United States Environmental Protection Agency. SW-846 Method 3050B (1996), 7196A (1992), 6010C (2007).
5. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....
(Miss Apiradee Chuen-arom)
25/12/2025

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Test Report

Request No :W6812218
Report No :6812-1733

Customer : Pinthong 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 : กากตะกอนจากระบบผลิตน้ำประปา
Sampling By : ETC
Sampling Method : Grab
Tested Date : 17/12/2025 - 24/12/2025

Sample No : W 68120678
Sampling Date : 08/12/2025
Sampling Time : 11:08 AM
Received Date : 09/12/2025
Reported Date : 25/12/2025

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)	0.18	≥100
Cadmium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	< 0.02	≥1
Copper	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.11	≥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)	< 0.02	≥5
Mercury	mg/L	Waste Extraction,Cold - Vapor AAS (US EPA.Method 7471B)	< 0.0010	≥0.2

Physical Apperance : 1. Sample : Sludge (black)
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. Supharerk Phatklang (ว-003-ค-0031)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
25/12/2025

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Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
25/12/2025

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Test Report

Request No :W6812218
Report No :6812-1733

Customer : Pinthong 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 68120678
Sample Name	: กากตะกอนจากระบบผลิตน้ำประปา	Sampling Date	: 08/12/2025
Sampling By	: ETC	Sampling Time	: 11:08 AM
Sampling Method	: Grab	Received Date	: 09/12/2025
Tested Date	: 17/12/2025 - 24/12/2025	Reported Date	: 25/12/2025

Parameter	Unit	Method	Result	Standard/1
Nickel	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	0.09	≥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)	1.27	≥250

Physical Apperance : 1. Sample : Sludge (black)
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. Supharerk Phatklang (ว-003-ค-0031)

Examined By : .....
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
25/12/2025

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Approved By : .....
(Mr. Kawee Suthasub)
(ว-003-ค-0004)
25/12/2025

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

Test Report

Request No :W6812218

Report No :6812- 1733

Customer : Pinthong 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 : กากตะกอนจากระบบผลิตน้ำประปา

Sampling By : ETC

Sampling Method : Grab

Tested Date : 17/12/2025 - 24/12/2025

Sample No : W 68120678

Sampling Date : 08/12/2025

Sampling Time : 11:08 AM

Received Date : 09/12/2025

Reported Date : 25/12/2025

Parameter	Unit	Method	Result	Standard/1
Aluminium	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	173	-
Iron	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	7.11	-
Manganese	mg/L	Waste Extraction,ICP (US EPA. Method 1310A, 6010C)	7.46	-
Trivalent Chromium	mg/L	Waste Extraction,ICP;Colorimetric Method, Calculation (US EPA. Method 1310A, 6010C,7196A)	< 0.050	≥5

Physical Apperance : 1. Sample : Sludge (black)

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. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. United States Environmental Protection Agency. SW-846 Method, 6010C (2007), 7196A (1992), 1310A.
4. Sampling By Mr. Supharerk Phatklang

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)
25/12/2025

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