

Request No. ATR6705085

Report No. 6705-1495 - 6705-1497

## TEST REPORT

CUSTOMER : บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด  
ADDRESS : 88 ม. 3 ท่าเรือแหลมฉบังท่าที่ A2 ต.ทุ่งสุขลา อ.ศรีราชา จ.ชลบุรี 20230  
SAMPLE SOURCE : ท่าเรือ A2  
SAMPLE NAME : ท่าเทียบเรือ A2  
RECEIVED DATE : 23/05/2024 SAMPLE NO. : A67051495 - A67051497  
TESTED DATE : 23/05/2024-29/05/2024 REPORTED DATE : 30/05/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	14-15/05/2024	0.130	0.33	mg/m <sup>3</sup>
		15-16/05/2024	0.150	0.33	mg/m <sup>3</sup>
		16-17/05/2024	0.139	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Thanatporn Klinsoyon)

30/05/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA67-R05133

Report No. R6705-3799 - R6705-3801

## TEST REPORT

CUSTOMER : บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด  
ADDRESS : 88 ม. 3 ท่าเรือแหลมฉบังท่าที่ A2 ต.ทุ่งสุขลา อ.ศรีราชา จ.ชลบุรี 20230  
SAMPLE SOURCE : บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด  
SAMPLE POINT : ท่าเรือ A2  
PARAMETER\* : Sulfur Dioxide  
DETERMINATION METHOD : UV-Fluorescence  
INSTRUMENT : API Model M100E S/N 3220

SAMPLE NO. : 14352-14354  
SAMPLING DATE : 14-17/05/2024  
RECEIVED DATE : 17/05/2024  
REPORTED DATE : 27/05/2024

TIME / DATE	14-15/05/2024	15-16/05/2024	16-17/05/2024	UNIT
09:00 - 10:00 <sup>3</sup>	0.005	0.007	0.005	ppm
10:00 - 11:00	0.005	0.007	0.004	ppm
11:00 - 12:00	0.005	0.007	0.006	ppm
12:00 - 13:00	0.005	0.007	0.007	ppm
13:00 - 14:00	0.006	0.006	0.006	ppm
14:00 - 15:00	0.006	0.008	0.005	ppm
15:00 - 16:00	0.005	0.008	0.005	ppm
16:00 - 17:00	0.006	0.005	0.007	ppm
17:00 - 18:00	0.006	0.005	0.006	ppm
18:00 - 19:00	0.006	0.005	0.004	ppm
19:00 - 20:00	0.006	0.006	0.007	ppm
20:00 - 21:00	0.005	0.007	0.006	ppm
21:00 - 22:00	0.005	0.006	0.006	ppm
22:00 - 23:00	0.005	0.006	0.006	ppm
23:00 - 00:00	0.007	0.007	0.005	ppm
00:00 - 01:00	0.005	0.006	0.005	ppm
01:00 - 02:00	0.005	0.008	0.007	ppm
02:00 - 03:00	0.005	0.006	0.004	ppm
03:00 - 04:00	0.007	0.006	0.007	ppm
04:00 - 05:00	0.006	0.004	0.008	ppm
05:00 - 06:00	0.007	0.005	0.006	ppm
06:00 - 07:00	0.006	0.008	0.008	ppm
07:00 - 08:00	0.007	0.006	0.007	ppm
08:00 - 09:00	0.007	0.006	0.006	ppm
Maximum 1 hr.	0.007	0.008	0.008	ppm
Average 24 hr.	0.006	0.006	0.006	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E. 2544 (2001)<sup>2</sup> Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarut Pongrathum)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

27/05/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA67-R05133

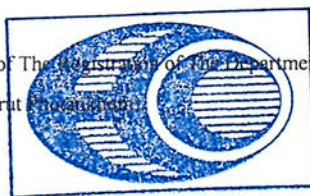
Report No. R6705-3802 - R6705-3804

## TEST REPORT

CUSTOMER : บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด  
ADDRESS : 88 ม. 3 ท่าเรือแหลมฉบังท่าที่ A2 ต. พังสุชล อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด  
SAMPLE POINT : ท่าเรือ A2  
PARAMETER\* : Nitrogen Dioxide  
DETERMINATION METHOD : Chemiluminescence  
INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 14355-14357  
SAMPLING DATE : 14-17/05/2024  
RECEIVED DATE : 17/05/2024  
REPORTED DATE : 27/05/2024

TIME / DATE	14-15/05/2024	15-16/05/2024	16-17/05/2024	UNIT
09:00 - 10:00 <sup>/2</sup>	0.033	0.032	0.038	ppm
10:00 - 11:00	0.029	0.020	0.042	ppm
11:00 - 12:00	0.028	0.017	0.036	ppm
12:00 - 13:00	0.026	0.018	0.027	ppm
13:00 - 14:00	0.025	0.027	0.024	ppm
14:00 - 15:00	0.027	0.046	0.036	ppm
15:00 - 16:00	0.023	0.054	0.035	ppm
16:00 - 17:00	0.020	0.056	0.043	ppm
17:00 - 18:00	0.024	0.040	0.061	ppm
18:00 - 19:00	0.022	0.031	0.057	ppm
19:00 - 20:00	0.025	0.045	0.054	ppm
20:00 - 21:00	0.022	0.052	0.048	ppm
21:00 - 22:00	0.028	0.048	0.044	ppm
22:00 - 23:00	0.028	0.048	0.042	ppm
23:00 - 00:00	0.030	0.044	0.041	ppm
00:00 - 01:00	0.030	0.035	0.037	ppm
01:00 - 02:00	0.020	0.037	0.032	ppm
02:00 - 03:00	0.017	0.039	0.031	ppm
03:00 - 04:00	0.019	0.042	0.047	ppm
04:00 - 05:00	0.017	0.036	0.038	ppm
05:00 - 06:00	0.042	0.033	0.039	ppm
06:00 - 07:00	0.045	0.031	0.037	ppm
07:00 - 08:00	0.053	0.031	0.038	ppm
08:00 - 09:00	0.056	0.031	0.038	ppm
Maximum 1 hr.	0.056	0.056	0.061	ppm
Average 24 hr.	0.029	0.037	0.040	ppm
Standard (1 hr.) <sup>/1</sup>	0.17	0.17	0.17	ppm

REMARK : <sup>/1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>/2</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarut Phasachon)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

27/05/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

## แผนผังทิศทางและความเร็วลม

Request No. LA67-R05133

บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด

Sample No. 14358

จุดตรวจวัด : ท่าเรือ A2

วันที่ตรวจวัด : 14-17 พฤษภาคม 2567

เวลา	14-15 พฤษภาคม 2567		15-16 พฤษภาคม 2567		16-17 พฤษภาคม 2567	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
09:00-10:00	0.9	ENE	1.3	W	0.9	NNE
10:00-11:00	1.8	W	1.8	WSW	1.3	W
11:00-12:00	2.7	NNW	2.2	W	3.1	S
12:00-13:00	3.6	N	2.7	WNW	0.9	S
13:00-14:00	2.7	N	2.7	SSE	1.3	NE
14:00-15:00	2.7	NW	1.3	SE	0.9	SE
15:00-16:00	2.2	NW	0.9	SSE	1.3	SE
16:00-17:00	2.2	NW	1.8	S	0.9	SE
17:00-18:00	2.2	N	1.8	WSW	1.3	SSE
18:00-19:00	1.8	WNW	1.3	WSW	0.9	SSE
19:00-20:00	1.3	WNW	1.3	SE	1.3	S
20:00-21:00	0.9	WNW	1.8	SSE	1.3	S
21:00-22:00	0.9	NW	1.8	S	0.9	SE
22:00-23:00	0.9	WSW	1.3	SE	0.9	SE
23:00-00:00	1.3	WSW	1.3	SE	0.9	SE
00:00-01:00	1.8	WSW	1.3	SE	0.9	SE
01:00-02:00	1.3	WSW	0.9	SE	1.3	SE
02:00-03:00	1.3	WSW	0.9	SE	1.3	SSE
03:00-04:00	1.3	WSW	0.9	SE	3.6	S
04:00-05:00	0.9	WSW	0.4	SE	1.8	S
05:00-06:00	0.9	ESE	0.4	SE	0.9	SE
06:00-07:00	0.4	SE	0.4	E	0.4	E
07:00-08:00	0.9	SE	0.9	E	1.3	SE
08:00-09:00	0.9	SE	0.4	ENE	0.9	SE

COPY



## แผนผังทิศทางและความเร็วลม

Request No. LA67-R05133

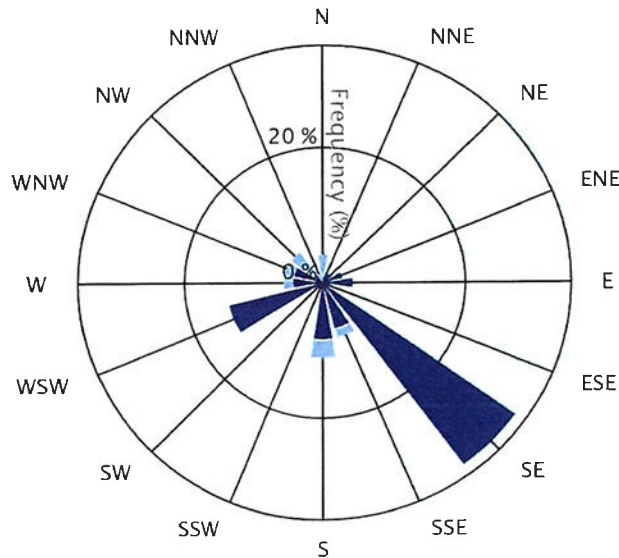
บริษัท ไทยแหลมฉบัง เทอร์มินัล จำกัด

Sample No. 14358

จุดตรวจวัด : ท่าเรือ A2

วันที่ตรวจวัด : 14-17 พฤษภาคม 2567

Calm 0.0 %



■ 0.4-1.9   
 ■ 2.0-3.9   
 ■ 4.0-5.9   
 ■ 6.0-7.9   
 ■ 8.0-9.9   
 ■ > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	4.2	0.0	0.0	0.0	0.0	4.2
NNE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
NE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
ENE	2.8	0.0	0.0	0.0	0.0	0.0	2.8
E	4.2	0.0	0.0	0.0	0.0	0.0	4.2
ESE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
SE	33.3	0.0	0.0	0.0	0.0	0.0	33.3
SSE	6.9	1.4	0.0	0.0	0.0	0.0	8.3
S	8.3	2.8	0.0	0.0	0.0	0.0	11.1
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	13.9	0.0	0.0	0.0	0.0	0.0	13.9
W	4.2	1.4	0.0	0.0	0.0	0.0	5.6
WNW	4.2	1.4	0.0	0.0	0.0	0.0	5.6
NW	1.4	4.2	0.0	0.0	0.0	0.0	5.6
NNW	0.0	1.4	0.0	0.0	0.0	0.0	1.4
Calm	0.0						

COPY

## Test Report

Request No : W6704002

Report No : 6704-0481

Customer : Thai Lacmchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67040009

Sample Name : บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อย \*\*

Sampling Date : 30/03/2024

Sampling By : Customer

Sampling Time : --

Sampling Method : Grab

Received Date : 01/04/2024

Tested Date : 01/04/2024 - 08/04/2024

Reported Date : 09/04/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Conductivity	10 <sup>-6</sup> S/cm	Laboratory Method (SM:2510B)	255	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	not available	-
Oil and Grease	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (at 25 degree celsius)		Electrometric Method (SM:4500 -H +B)	8.0	5.5-9.0
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0.15	-
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	178	≤3000

Physical Apperance : 1. Sample : lightly SS

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

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

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

3. \*\* บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อยลงสู่ทะเล (ดีก Admin)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

09/04/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

## Test Report

Request No : W6704002

Report No : 6704-0481

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67040009

Sample Name : บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อย \*\*

Sampling Date : 30/03/2024

Sampling By : Customer

Sampling Time : --

Sampling Method : Grab

Received Date : 01/04/2024

Tested Date : 01/04/2024 - 08/04/2024

Reported Date : 09/04/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : lightly SS

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

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

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

3. \*\* บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อยลงสู่ทะเล (ตึก Admin)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

09/04/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



## Test Report

Request No : W6706607

Report No : 6707-0376

Customer : Thai Lacmchabang Terminal Co.,Ltd.

Address : 88 Moo.3 Thungsukhla , Sriracha , Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061864

Sample Name : บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อย \*\*

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.4	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.3	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	≤40
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	404	≤3000
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100

Physical Apperance : 1. Sample : yellow , lightly SS

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

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

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. \*\* บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อยลงสู่ทะเล (ตึก Admin)

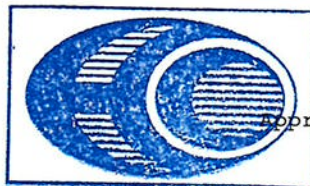
4. Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

08/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

08/07/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



## Test Report

Request No : W6706607

Report No : 6707-0376

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo.3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061864

Sample Name : บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อย \*\*

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Suspended Solids	mg/L	Dried at 103-105 degrec celsius (SM:2540D)	21	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

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

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

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. \*\* บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อยลงสู่ทะเล (ตึก Admin)

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

08/07/2024



Approved By : .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

08/07/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report

Request No : W6706607

Report No : 6707-0376

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061864

Sample Name : บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อย \*\*

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Conductivity	10 <sup>-6</sup> S/cm	Laboratory Method (SM:2510B)	513	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	not available	-
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	1.79	-

Physical Apperance : 1. Sample : yellow, lightly SS

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

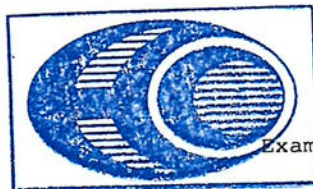
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

4. \*\* บ่อพักน้ำทิ้งที่ผ่านการบำบัดแล้วก่อนปล่อยลงสู่ทะเล (ตึก Admin)

5. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

08/07/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

## Test Report

Request No : W6704002

Report No : 6704-0480

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67040008

Sample Name : น้ำก่อนเข้าระบบบำบัด (ตึก Admin)

Sampling Date : 30/03/2024

Sampling By : Customer

Sampling Time : --

Sampling Method : Grab

Received Date : 01/04/2024

Tested Date : 01/04/2024 - 08/04/2024

Reported Date : 09/04/2024

Parameter	Unit	Method	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	56.6
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	287
Conductivity	10 <sup>-6</sup> S/cm	Laboratory Method (SM:2510B)	693
Flow Rate	m <sup>3</sup> /day	Calculation Method	not available
Oil and Grease	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0
pH (at 25 degree celsius)		Electrometric Method (SM:4500 -H +B)	7.0
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.60
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	30

Physical Apperance : 1. Sample : yellow , turbid

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By : .....

(Miss Apiradee Chuen-arom)

09/04/2024

COPY

## Test Report

Request No : W6704002

Report No : 6704-0480

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo.3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67040008

Sample Name : น้ำก่อนเข้าระบบบำบัด (ตึก Admin)

Sampling Date : 30/03/2024

Sampling By : Customer

Sampling Time : --

Sampling Method : Grab

Received Date : 01/04/2024

Tested Date : 01/04/2024 - 08/04/2024

Reported Date : 09/04/2024

Parameter	Unit	Method	Result
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500 -Norg B)	44
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	139

Physical Apperance : 1. Sample : yellow, turbid

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Page 2 of 2

Examined By : .....

(Miss Apiradee Chuen-arom)

09/04/2024

COPY



## Test Report

Request No : W6706607

Report No : 6707-0375

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061863

Sample Name : น้ำก่อนเข้าระบบบำบัด (ตึก Admin)

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.7
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	47
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0
pH (on site)		Electrometric Method	7.1
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	212
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500 -Norg B)	19

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

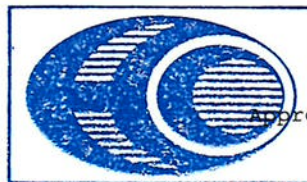
2. Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

08/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

08/07/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report

Request No : W6706607

Report No : 6707-0375

Customer : Thai Laemchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061863

Sample Name : น้ำก่อนเข้าระบบบำบัด (ดีก Admin)

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

2. Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
08/07/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
08/07/2024REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

## Test Report

Request No : W6706607

Report No : 6707-0375

Customer : Thai Lacmchabang Terminal Co.,Ltd.

Address : 88 Moo. 3 Thungsukhla, Sriracha, Chonburi 20230

Sampling Source : ท่าเรือ A2

Sample No : W 67061863

Sample Name : น้ำก่อนเข้าระบบบำบัด (ตึก Admin)

Sampling Date : 25/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/06/2024

Tested Date : 26/06/2024 - 05/07/2024

Reported Date : 08/07/2024

Parameter	Unit	Method	Result
Conductivity	10 <sup>-6</sup> S/cm	Laboratory Method (SM:2510B)	453
Flow Rate	m <sup>3</sup> /day	Calculation Method	not available
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	1.10

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

3. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

08/07/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsookhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041833  
Sample Name : สถานีที่ 1 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:20 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	< 2.0	-
Coliform Bacteria	MPN : 100 mL	MPN Test	490	≤ 1000
Conductivity	10 <sup>-6</sup> S/cm	Laboratory	45,640	-
Dissolved Oxygen	mg/L	Membrane Electrode	5.0	≥ 4
Oil and Grease	-	Observations	nonvisible	none
pH (on site)		Electrometric	8.0	7.0-8.5
Salinity	ppt	Electrical Conductivity	31.16	▽
Suspended Solid	mg/L	Dried at 103-105 degree celsius	< 5	△△
Temperature	°C	Laboratory and Field	31	△
Transparency	m	Secchi Disc	1.8	▽▽

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. △ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกิน 20C จากสภาพธรรมชาติ  
4. △△ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกินผลรวมค่าเฉลี่ย 1 วันหรือ 1 เดือนหรือ 1 ปี บวกกับค่าเบี่ยงเบนมาตรฐานของค่าเฉลี่ยนั้น ๆ  
5. ▽ = เปลี่ยนแปลงไม่เกินร้อยละ 10 ของค่าความเค็มต่ำสุด  
6. ▽▽ = เปลี่ยนแปลงลดลงจากสภาพธรรมชาติไม่เกิน 10 % จากค่าความโปร่งใสต่ำสุด  
7. Sampling By Mr. Supharerk Phatklang



Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041834  
Sample Name : สถานีที่ 2 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:10 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	< 2.0	-
Coliform Bacteria	MPN : 100 mL	MPN Test	790	≤ 1000
Conductivity	10 <sup>-6</sup> S/cm	Laboratory	45,770	-
Dissolved Oxygen	mg/L	Membrane Electrode	5.0	≥ 4
Oil and Grease	-	Observations	nonvisible	none
pH (on site)		Electrometric	8.0	7.0-8.5
Salinity	ppt	Electrical Conductivity	30.46	▽
Suspended Solid	mg/L	Dried at 103-105 degree celsius	< 5	△△
Temperature	°C	Laboratory and Field	32	△
Transparency	m	Secchi Disc	1.8	▽▽

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. △ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกิน 20C จากสภาพธรรมชาติ  
4. △△ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกินผลรวมค่าเฉลี่ย 1 วันหรือ 1 เดือนหรือ 1 ปี บวกกับค่าเบี่ยงเบนมาตรฐานของค่าเฉลี่ยนั้น ๆ  
5. ▽ = เปลี่ยนแปลงไม่เกินร้อยละ 10 ของค่าความเค็มต่ำสุด  
6. ▽▽ = เปลี่ยนแปลงลดลงจากสภาพธรรมชาติไม่เกิน 10 % จากค่าความโปร่งใสต่ำสุด  
7. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
 Address : 88 Moo.3 , Tungsohkhla , Sriracha , Chonburi 20230  
 Sampling Source : ท่าเรือ A2 Sample No. : W67041835  
 Sample Name : สถานีที่ 3 Sampling Date : 26/04/2024  
 Sampling By : ETC Sampling Time : 9:30 AM  
 Sampling Method : Grab Received Date : 27/04/2024  
 Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	< 2.0	-
Coliform Bacteria	MPN : 100 mL	MPN Test	1,300	≤ 1000
Conductivity	10 <sup>-6</sup> S/cm	Laboratory	45,370	-
Dissolved Oxygen	mg/L	Membrane Electrode	5.4	≥ 4
Oil and Grease	-	Observations	nonvisible	none
pH (on site)		Electrometric	8.0	7.0-8.5
Salinity	ppt	Electrical Conductivity	30.24	▽
Suspended Solid	mg/L	Dried at 103-105 degree celsius	5	△△
Temperature	°C	Laboratory and Field	32	△
Transparency	m	Secchi Disc	1.5	▽▽

Physical Apperance : 1. Sample : lightly SS  
 2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
 2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
 3. △ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกิน 20C จากสภาพธรรมชาติ  
 4. △△ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกินผลรวมค่าเฉลี่ย 1 วันหรือ 1 เดือนหรือ 1 ปี บวกกับค่าเบี่ยงเบนมาตรฐานของค่าเฉลี่ยนั้น ๆ  
 5. ▽ = เปลี่ยนแปลงไม่เกินร้อยละ 10 ของค่าความเค็มต่ำสุด  
 6. ▽▽ = เปลี่ยนแปลงลดลงจากสภาพธรรมชาติไม่เกิน 10 % จากค่าความโปร่งใสต่ำสุด  
 7. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohkhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041836  
Sample Name : สถานีที่ 4 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 8:50 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	< 2.0	-
Coliform Bacteria	MPN : 100 mL	MPN Test	1,300	≤ 1000
Conductivity	10 <sup>-6</sup> S/cm	Laboratory	45,220	-
Dissolved Oxygen	mg/L	Membrane Electrode	5.7	≥ 4
Oil and Grease	-	Observations	nonvisible	none
pH (on site)		Electrometric	7.8	7.0-8.5
Salinity	ppt	Electrical Conductivity	30.05	▽
Suspended Solid	mg/L	Dried at 103-105 degree celsius	< 5	△△
Temperature	°C	Laboratory and Field	31	△
Transparency	m	Secchi Disc	2.0	▽▽

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. △ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกิน 20C จากสภาพธรรมชาติ  
4. △△ = มีค่าเปลี่ยนแปลงเพิ่มขึ้นไม่เกินผลรวมค่าเฉลี่ย 1 วันหรือ 1 เดือนหรือ 1 ปี บวกกับค่าเบี่ยงเบนมาตรฐานของค่าเฉลี่ยนั้น ๆ  
5. ▽ = เปลี่ยนแปลงไม่เกินร้อยละ 10 ของค่าความเค็มต่ำสุด  
6. ▽▽ = เปลี่ยนแปลงลดลงจากสภาพธรรมชาติไม่เกิน 10 % จากค่าความโปร่งใสต่ำสุด  
7. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer	:	Thai Laemchabang Terminal Co.,Ltd.	Sample No.	:	W67041833
Address	:	88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230	Sampling Date	:	26/04/2024
Sampling Source	:	ท่าเรือ A2	Sampling Time	:	9:20 AM
Sample Name	:	สถานีที่ 1	Received Date	:	27/04/2024
Sampling By	:	ETC	Reported Date	:	14/05/2024
Sampling Method	:	Grab			
Tested Date	:	29/04/2024 – 13/05/2024			

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Cyanophyta</b>				
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	774	-
<i>Pseudanabaena</i> sp.	cell/L	Counting Chamber	63	-
<b>Division Chlorophyta</b>				
<i>Phacus</i> sp.	cell/L	Counting Chamber	6	-
<b>Division Chromophyta</b>				
<i>Actinopterychus</i> sp.	cell/L	Counting Chamber	34	-
<i>Adoneis</i> sp.	cell/L	Counting Chamber	11	-
<i>Amphora</i> sp.	cell/L	Counting Chamber	418	-
<i>Bacillaria</i> sp.	cell/L	Counting Chamber	46	-
<i>Bacteriastrium</i> sp.	cell/L	Counting Chamber	1,716	-
<i>Bellerochea</i> sp.	cell/L	Counting Chamber	1,030	-
<i>Cerataulina</i> sp.	cell/L	Counting Chamber	2,059	-
<i>Ceratium</i> sp.	cell/L	Counting Chamber	69	-
<i>Chaetoceros</i> sp.	cell/L	Counting Chamber	10,296	-
<i>Climacodium</i> sp.	cell/L	Counting Chamber	92	-
<i>Coscinodiscus</i> sp.	cell/L	Counting Chamber	515	-
<i>Cyclotella</i> sp.	cell/L	Counting Chamber	343	-
<i>Cylindrotheca</i> sp.	cell/L	Counting Chamber	686	-
<i>Cymbella</i> sp.	cell/L	Counting Chamber	17	-
<i>Dinophysis</i> sp.	cell/L	Counting Chamber	23	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

COPY



Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041833  
Sample Name : สถานีที่ 1 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:20 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Ditylum</i> sp.	cell/L	Counting Chamber	572	-
<i>Entomoneis</i> sp.	cell/L	Counting Chamber	40	-
<i>Eunotia</i> sp.	cell/L	Counting Chamber	17	-
<i>Gonyaulax</i> sp.	cell/L	Counting Chamber	17	-
<i>Guinardia</i> sp.	cell/L	Counting Chamber	658	-
<i>Helicotheca</i> sp.	cell/L	Counting Chamber	11	-
<i>Hemiaulus</i> sp.	cell/L	Counting Chamber	40	-
<i>Lauderia</i> sp.	cell/L	Counting Chamber	183	-
<i>Lyrella</i> sp.	cell/L	Counting Chamber	6	-
<i>Meunier</i> sp.	cell/L	Counting Chamber	23	-
<i>Navicula</i> sp.	cell/L	Counting Chamber	326	-
<i>Odontella</i> sp.	cell/L	Counting Chamber	200	-
<i>Peridinium</i> sp.	cell/L	Counting Chamber	11	-
<i>Pinnularia</i> sp.	cell/L	Counting Chamber	29	-
<i>Plagiotropis</i> sp.	cell/L	Counting Chamber	6	-
<i>Pleurosigma</i> sp.	cell/L	Counting Chamber	1,258	-
<i>Proboscia</i> sp.	cell/L	Counting Chamber	17	-
<i>Prorocentrum</i> sp.	cell/L	Counting Chamber	458	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharek Phatklang



Examined By   
( Miss Apiradee Chuen-arom )

14/05/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 1  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041833  
Sampling Date : 26/04/2024  
Sampling Time : 9:20 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Protoperdinium</i> sp.	cell/L	Counting Chamber	143	-
<i>Pseudo-nitzschia</i> sp.	cell/L	Counting Chamber	114	-
<i>Pseudosolenia</i> sp.	cell/L	Counting Chamber	6	-
<i>Rhizosolenia</i> sp.	cell/L	Counting Chamber	86	-
<i>Scripsiella</i> sp.	cell/L	Counting Chamber	80	-
<i>Stephanodiscus</i> sp.	cell/L	Counting Chamber	23	-
<i>Surirella</i> sp.	cell/L	Counting Chamber	1,241	-
<i>Thalassionema</i> sp.	cell/L	Counting Chamber	492	-
<i>Thalassiosira</i> sp.	cell/L	Counting Chamber	629	-
<i>Trachyneis</i> sp.	cell/L	Counting Chamber	6	-

<b>Total Genus</b>	<b>cell/L</b>	<b>46</b>	<b>-</b>
<b>Total Phytoplankton</b>	<b>cell/L</b>	<b>24,890</b>	<b>-</b>
<b>Diversity Index</b>	<b>cell/L</b>	<b>2.41</b>	<b>-</b>

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By   
( Miss Apiradee Chuen-arom )

14/05/2024

COPY

Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041833  
Sample Name : สถานีที่ 1 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:20 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Zooplankton</b>				
<b>Phylum Protozoa</b>				
<i>Favella</i> sp.	ind./L	Counting Chamber	11	-
<i>Leprotintinnus</i> sp.	ind./L	Counting Chamber	11	-
<i>Tintinnopsis</i> sp.	ind./L	Counting Chamber	89	-
<i>Vorticella</i> sp.	ind./L	Counting Chamber	389	-
<b>Phylum Arthropoda</b>				
Calanoid copepod	ind./L	Counting Chamber	6	-
Copepod nauplius	ind./L	Counting Chamber	629	-
Cyclopoid copepod	ind./L	Counting Chamber	34	-
<b>Phylum Chordata</b>				
<i>Oikopleura</i> sp.	ind./L	Counting Chamber	57	-

<b>Total Genus</b>	<b>ind./L</b>	<b>8</b>	<b>-</b>
<b>Total Zooplankton</b>	<b>ind./L</b>	<b>1,226</b>	<b>-</b>
<b>Diversity Index</b>	<b>ind./L</b>	<b>1.25</b>	<b>-</b>

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By



( Miss Apiradee Chuen-arom )

14/05/2024

COPY

Request No. W6704610

Report No. 6705-0667

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsookhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 1  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041833  
Sampling Date : 26/04/2024  
Sampling Time : 9:20 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>n</sup>
Benthos	ind./m <sup>2</sup>	Counting Chamber	ND	-

Total Genus	ind./m <sup>2</sup>	-	-
Total Benthos	ind./m <sup>2</sup>	ND	-
Diversity Index	ind./m <sup>2</sup>	-	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang  
4. ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By .....



( Miss Apiradee Chuen-arom )

14/05/2024

COPY



Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohkhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041834  
Sample Name : สถานีที่ 2 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:10 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1)</sup>
<b>Phytoplankton</b>				
<b>Division Cyanophyta</b>				
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	1,430	-
<i>Pseudanabaena</i> sp.	cell/L	Counting Chamber	165	-
<b>Division Chlorophyta</b>				
<i>Scenedesmus</i> sp.	cell/L	Counting Chamber	6	-
<b>Division Chromophyta</b>				
<i>Actinopterychus</i> sp.	cell/L	Counting Chamber	28	-
<i>Amphora</i> sp.	cell/L	Counting Chamber	55	-
<i>Bacillaria</i> sp.	cell/L	Counting Chamber	72	-
<i>Bacteriastrium</i> sp.	cell/L	Counting Chamber	1,100	-
<i>Bellerochea</i> sp.	cell/L	Counting Chamber	99	-
<i>Cerataulina</i> sp.	cell/L	Counting Chamber	1,540	-
<i>Ceratium</i> sp.	cell/L	Counting Chamber	143	-
<i>Chaetoceros</i> sp.	cell/L	Counting Chamber	7,370	-
<i>Coscinodiscus</i> sp.	cell/L	Counting Chamber	154	-
<i>Cyclotella</i> sp.	cell/L	Counting Chamber	66	-
<i>Cylindrotheca</i> sp.	cell/L	Counting Chamber	1,760	-
<i>Dinophysis</i> sp.	cell/L	Counting Chamber	50	-
<i>Ditylum</i> sp.	cell/L	Counting Chamber	83	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharnk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 2  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041834  
Sampling Date : 26/04/2024  
Sampling Time : 9:10 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Entomoneis</i> sp.	cell/L	Counting Chamber	6	-
<i>Eucampia</i> sp.	cell/L	Counting Chamber	17	-
<i>Gonyaulax</i> sp.	cell/L	Counting Chamber	22	-
<i>Guinardia</i> sp.	cell/L	Counting Chamber	330	-
<i>Hemiaulus</i> sp.	cell/L	Counting Chamber	440	-
<i>Lauderia</i> sp.	cell/L	Counting Chamber	110	-
<i>Meunier</i> sp.	cell/L	Counting Chamber	28	-
<i>Navicula</i> sp.	cell/L	Counting Chamber	143	-
<i>Nitzschia</i> sp.	cell/L	Counting Chamber	6	-
<i>Odontella</i> sp.	cell/L	Counting Chamber	94	-
<i>Peridinium</i> sp.	cell/L	Counting Chamber	22	-
<i>Pleurosigma</i> sp.	cell/L	Counting Chamber	1,650	-
<i>Prorocentrum</i> sp.	cell/L	Counting Chamber	385	-
<i>Proto-peridinium</i> sp.	cell/L	Counting Chamber	44	-
<i>Pseudo-nitzschia</i> sp.	cell/L	Counting Chamber	264	-
<i>Pseudosolenia</i> sp.	cell/L	Counting Chamber	17	-
<i>Rhizosolenia</i> sp.	cell/L	Counting Chamber	72	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041834  
Sample Name : สถานีที่ 2 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:10 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Scrippsiella</i> sp.	cell/L	Counting Chamber	55	-
<i>Surirella</i> sp.	cell/L	Counting Chamber	176	-
<i>Thalassionema</i> sp.	cell/L	Counting Chamber	149	-
<i>Thalassiosira</i> sp.	cell/L	Counting Chamber	1,155	-
<i>Trachyneis</i> sp.	cell/L	Counting Chamber	11	-

<b>Total Genus</b>	<b>cell/L</b>	<b>38</b>	<b>-</b>
<b>Total Phytoplankton</b>	<b>cell/L</b>	<b>19,317</b>	<b>-</b>
<b>Diversity Index</b>	<b>cell/L</b>	<b>2.33</b>	<b>-</b>

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer	:	Thai Laemchabang Terminal Co.,Ltd.		
Address	:	88 Moo.3 , Tungsohla , Sriracha , Chonburi 20230		
Sampling Source	:	ท่าเรือ A2	Sample No.	: W67041834
Sample Name	:	สถานีที่ 2	Sampling Date	: 26/04/2024
Sampling By	:	ETC	Sampling Time	: 9:10 AM
Sampling Method	:	Grab	Received Date	: 27/04/2024
Tested Date	:	29/04/2024 – 13/05/2024	Reported Date	: 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Zooplankton</b>				
<b>Phylum Protozoa</b>				
<i>Favella</i> sp.	ind./L	Counting Chamber	17	-
<i>Leprotintinnus</i> sp.	ind./L	Counting Chamber	11	-
<i>Stenosemella</i> sp.	ind./L	Counting Chamber	11	-
<i>Tintinnopsis</i> sp.	ind./L	Counting Chamber	33	-
<i>Vorticella</i> sp.	ind./L	Counting Chamber	105	-
<b>Phylum Arthropoda</b>				
Calanoid copepod	ind./L	Counting Chamber	6	-
Copepod nauplius	ind./L	Counting Chamber	363	-
<b>Phylum Chordata</b>				
<i>Oikopleura</i> sp.	ind./L	Counting Chamber	61	-

Total Genus	ind./L	8	-
Total Zooplankton	ind./L	607	-
Diversity Index	ind./L	1.29	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklara



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. W6704610

Report No. 6705-0668

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041834  
Sample Name : สถานีที่ 2 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:10 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
Benthos	ind./m <sup>2</sup>	Counting Chamber	ND	-

Total Genus	ind./m <sup>2</sup>	-	-
Total Benthos	ind./m <sup>2</sup>	ND	-
Diversity Index	ind./m <sup>2</sup>	-	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang  
4. ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041835  
Sample Name : สถานีที่ 3 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:30 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Cyanophyta</b>				
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	1,096	-
<i>Pseudanabaena</i> sp.	cell/L	Counting Chamber	103	-
<b>Division Chromophyta</b>				
<i>Actinopterychus</i> sp.	cell/L	Counting Chamber	7	-
<i>Amphora</i> sp.	cell/L	Counting Chamber	343	-
<i>Bacillaria</i> sp.	cell/L	Counting Chamber	959	-
<i>Bacteriastrium</i> sp.	cell/L	Counting Chamber	4,247	-
<i>Bellerochea</i> sp.	cell/L	Counting Chamber	75	-
<i>Cerataulina</i> sp.	cell/L	Counting Chamber	685	-
<i>Ceratium</i> sp.	cell/L	Counting Chamber	55	-
<i>Chaetoceros</i> sp.	cell/L	Counting Chamber	21,372	-
<i>Climacodium</i> sp.	cell/L	Counting Chamber	27	-
<i>Coscinodiscus</i> sp.	cell/L	Counting Chamber	137	-
<i>Cyclotella</i> sp.	cell/L	Counting Chamber	123	-
<i>Cylindrotheca</i> sp.	cell/L	Counting Chamber	4,932	-
<i>Dinophysis</i> sp.	cell/L	Counting Chamber	27	-
<i>Ditylum</i> sp.	cell/L	Counting Chamber	158	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By 

( Miss Apiradee Chuen-arom )

14/05/2024

COPY

Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhia , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 3  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041835  
Sampling Date : 26/04/2024  
Sampling Time : 9:30 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Eucampia</i> sp.	cell/L	Counting Chamber	27	-
<i>Goniodoma</i> sp.	cell/L	Counting Chamber	14	-
<i>Gonyaulax</i> sp.	cell/L	Counting Chamber	110	-
<i>Guinardia</i> sp.	cell/L	Counting Chamber	548	-
<i>Hemiaulus</i> sp.	cell/L	Counting Chamber	48	-
<i>Lauderia</i> sp.	cell/L	Counting Chamber	569	-
<i>Meunier</i> sp.	cell/L	Counting Chamber	192	-
<i>Navicula</i> sp.	cell/L	Counting Chamber	301	-
<i>Nitzschia</i> sp.	cell/L	Counting Chamber	82	-
<i>Noctiluca</i> sp.	cell/L	Counting Chamber	7	-
<i>Odontella</i> sp.	cell/L	Counting Chamber	1,096	-
<i>Paralia</i> sp.	cell/L	Counting Chamber	89	-
<i>Peridinium</i> sp.	cell/L	Counting Chamber	21	-
<i>Pleurosigma</i> sp.	cell/L	Counting Chamber	5,617	-
<i>Proboscia</i> sp.	cell/L	Counting Chamber	27	-
<i>Prorocentrum</i> sp.	cell/L	Counting Chamber	192	-
<i>Protoperidinium</i> sp.	cell/L	Counting Chamber	96	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By   
( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 3  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041835  
Sampling Date : 26/04/2024  
Sampling Time : 9:30 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Pseudo-nitzschia</i> sp.	cell/L	Counting Chamber	480	-
<i>Pseudosolenia</i> sp.	cell/L	Counting Chamber	27	-
<i>Rhizosolenia</i> sp.	cell/L	Counting Chamber	1,370	-
<i>Skeletonema</i> sp.	cell/L	Counting Chamber	89	-
<i>Surirella</i> sp.	cell/L	Counting Chamber	247	-
<i>Thalassionema</i> sp.	cell/L	Counting Chamber	171	-
<i>Thalassiosira</i> sp.	cell/L	Counting Chamber	2,192	-
<i>Trachyneis</i> sp.	cell/L	Counting Chamber	69	-
<b>Total Genus</b>				
	cell/L		41	-
<b>Total Phytoplankton</b>				
	cell/L		48,027	-
<b>Diversity Index</b>				
	cell/L		2.11	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

COPY



Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041835  
Sample Name : สถานีที่ 3 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:30 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Zooplankton</b>				
<b>Phylum Protozoa</b>				
<i>Favella</i> sp.	ind./L	Counting Chamber	21	-
<i>Leprotintinnus</i> sp.	ind./L	Counting Chamber	14	-
<i>Metacalis</i> sp.	ind./L	Counting Chamber	7	-
<i>Tintinnopsis</i> sp.	ind./L	Counting Chamber	62	-
<i>Vorticella</i> sp.	ind./L	Counting Chamber	82	-
<b>Phylum Annelida</b>				
Polychaete larvae	ind./L	Counting Chamber	7	-
<b>Phylum Arthropoda</b>				
Calanoid copepod	ind./L	Counting Chamber	27	-
Copepod nauplius	ind./L	Counting Chamber	329	-
Cyclopoid copepod	ind./L	Counting Chamber	14	-
<b>Phylum Chordata</b>				
<i>Oikopleura</i> sp.	ind./L	Counting Chamber	62	-
<b>Total Genus</b>	<b>ind./L</b>		<b>10</b>	<b>-</b>
<b>Total Zooplankton</b>	<b>ind./L</b>		<b>625</b>	<b>-</b>
<b>Diversity Index</b>	<b>ind./L</b>		<b>1.58</b>	<b>-</b>

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

COPY

Request No. W6704610

Report No. 6705-0669

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2 Sample No. : W67041835  
Sample Name : สถานีที่ 3 Sampling Date : 26/04/2024  
Sampling By : ETC Sampling Time : 9:30 AM  
Sampling Method : Grab Received Date : 27/04/2024  
Tested Date : 29/04/2024 – 13/05/2024 Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1/</sup>
Benthos	ind./m <sup>2</sup>	Counting Chamber	ND	-

Total Genus	ind./m <sup>2</sup>	-	-
Total Benthos	ind./m <sup>2</sup>	ND	-
Diversity Index	ind./m <sup>2</sup>	-	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang  
4. ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By   
( Miss Apiradee Chuen-arom )  
14/05/2024

COPY

Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 4  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041836  
Sampling Date : 26/04/2024  
Sampling Time : 8:50 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Cyanophyta</b>				
<i>Oscillatoria</i> sp.	cell/L	Counting Chamber	1,482	-
<i>Pseudanabaena</i> sp.	cell/L	Counting Chamber	66	-
<b>Division Chromophyta</b>				
<i>Actinopterychus</i> sp.	cell/L	Counting Chamber	4	-
<i>Amphora</i> sp.	cell/L	Counting Chamber	1,092	-
<i>Bacillaria</i> sp.	cell/L	Counting Chamber	1,326	-
<i>Bacteriastrium</i> sp.	cell/L	Counting Chamber	8,580	-
<i>Cerataulina</i> sp.	cell/L	Counting Chamber	351	-
<i>Ceratium</i> sp.	cell/L	Counting Chamber	78	-
<i>Chaetoceros</i> sp.	cell/L	Counting Chamber	20,592	-
<i>Climacodium</i> sp.	cell/L	Counting Chamber	47	-
<i>Coscinodiscus</i> sp.	cell/L	Counting Chamber	234	-
<i>Cylindrotheca</i> sp.	cell/L	Counting Chamber	7,176	-
<i>Dactyliosolen</i> sp.	cell/L	Counting Chamber	31	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsukhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 4  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041836  
Sampling Date : 26/04/2024  
Sampling Time : 8:50 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Dinophysis</i> sp.	cell/L	Counting Chamber	156	-
<i>Ditylum</i> sp.	cell/L	Counting Chamber	429	-
<i>Entomoneis</i> sp.	cell/L	Counting Chamber	43	-
<i>Eucampia</i> sp.	cell/L	Counting Chamber	125	-
<i>Goniodoma</i> sp.	cell/L	Counting Chamber	8	-
<i>Gonyaulax</i> sp.	cell/L	Counting Chamber	59	-
<i>Guinardia</i> sp.	cell/L	Counting Chamber	936	-
<i>Hemiaulus</i> sp.	cell/L	Counting Chamber	94	-
<i>Lauderia</i> sp.	cell/L	Counting Chamber	312	-
<i>Navicula</i> sp.	cell/L	Counting Chamber	585	-
<i>Nitzschia</i> sp.	cell/L	Counting Chamber	39	-
<i>Noctiluca</i> sp.	cell/L	Counting Chamber	20	-
<i>Odontella</i> sp.	cell/L	Counting Chamber	207	-
<i>Paralia</i> sp.	cell/L	Counting Chamber	39	-
<i>Pleurosigma</i> sp.	cell/L	Counting Chamber	7,254	-
<i>Proboscia</i> sp.	cell/L	Counting Chamber	215	-

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohkhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 4  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041836  
Sampling Date : 26/04/2024  
Sampling Time : 8:50 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
<b>Phytoplankton</b>				
<b>Division Chromophyta</b>				
<i>Prorocentrum</i> sp.	cell/L	Counting Chamber	140	-
<i>Protoperdinium</i> sp.	cell/L	Counting Chamber	195	-
<i>Pseudo-nitzschia</i> sp.	cell/L	Counting Chamber	4,056	-
<i>Pseudosolenia</i> sp.	cell/L	Counting Chamber	70	-
<i>Rhizosolenia</i> sp.	cell/L	Counting Chamber	390	-
<i>Scrippsiella</i> sp.	cell/L	Counting Chamber	27	-
<i>Surirella</i> sp.	cell/L	Counting Chamber	355	-
<i>Thalassionema</i> sp.	cell/L	Counting Chamber	956	-
<i>Thalassiosira</i> sp.	cell/L	Counting Chamber	2,808	-
<i>Trachyneis</i> sp.	cell/L	Counting Chamber	20	-

<b>Total Genus</b>	<b>cell/L</b>	<b>39</b>	<b>-</b>
<b>Total Phytoplankton</b>	<b>cell/L</b>	<b>60,597</b>	<b>-</b>
<b>Diversity Index</b>	<b>cell/L</b>	<b>2.25</b>	<b>-</b>

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang



Examined By .....  
( Miss Apiradee Chuen-arom )

14/05/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 4  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041836  
Sampling Date : 26/04/2024  
Sampling Time : 8:50 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1)</sup>
<b>Zooplankton</b>				
<b>Phylum Protozoa</b>				
<i>Codonellopsis</i> sp.	ind./L	Counting Chamber	8	-
<i>Favella</i> sp.	ind./L	Counting Chamber	148	-
<i>Globorotalia</i> sp.	ind./L	Counting Chamber	4	-
<i>Leprotintinnus</i> sp.	ind./L	Counting Chamber	31	-
<i>Stenosemella</i> sp.	ind./L	Counting Chamber	16	-
<i>Tintinnopsis</i> sp.	ind./L	Counting Chamber	133	-
<i>Vorticella</i> sp.	ind./L	Counting Chamber	101	-
<b>Phylum Chaetognatha</b>				
<i>Sagitta</i> sp.	ind./L	Counting Chamber	4	-
<b>Phylum Annelida</b>				
Polychaete larvae	ind./L	Counting Chamber	4	-
<b>Phylum Arthropoda</b>				
Calanoid copepod	ind./L	Counting Chamber	20	-
Copepod nauplius	ind./L	Counting Chamber	406	-
Cyclopoid copepod	ind./L	Counting Chamber	12	-
<i>Microsetella</i> sp.	ind./L	Counting Chamber	4	-
<b>Phylum Mollusca</b>				
Pelecypod larvae	ind./L	Counting Chamber	12	-
<b>Phylum Chordata</b>				
<i>Oikopleura</i> sp.	ind./L	Counting Chamber	94	-
<b>Total Genus</b>	<b>ind./L</b>		<b>15</b>	<b>-</b>
<b>Total Zooplankton</b>	<b>ind./L</b>		<b>997</b>	<b>-</b>
<b>Diversity Index</b>	<b>ind./L</b>		<b>1.86</b>	<b>-</b>

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /1 Seawater Quality Standard Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phantana



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6704610

Report No. 6705-0670

## TEST REPORT

Customer : Thai Laemchabang Terminal Co.,Ltd.  
Address : 88 Moo.3 , Tungsohkhla , Sriracha , Chonburi 20230  
Sampling Source : ท่าเรือ A2  
Sample Name : สถานีที่ 4  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 29/04/2024 – 13/05/2024  
Sample No. : W67041836  
Sampling Date : 26/04/2024  
Sampling Time : 8:50 AM  
Received Date : 27/04/2024  
Reported Date : 14/05/2024

Parameter #	Unit	Method	Result	Standard <sup>1</sup>
Benthos	ind./m <sup>2</sup>	Counting Chamber	ND	-

Total Genus	ind./m <sup>2</sup>	-	-
Total Benthos	ind./m <sup>2</sup>	ND	-
Diversity Index	ind./m <sup>2</sup>	-	-

Physical Appearance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L (2 Bottle), PE 1.8 L, G 0.2 L ]

Remark : 1. /I Seawater Quality Standard , Notification of the National Environment Board B.E. 2564 (2021) , Class 5  
2. # Tested by Institute of Kasetsart University  
3. Sampling By Mr. Supharerk Phatklang  
4. ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

14/05/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY