



ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

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



TESTING
No.0159

Test Report

Request No : W6603303

Report No : 6603- 1580

Customer : LCB Container Terminal 1 Limited.**

Address : LCB Container Terminal 1 Limited , Leam Chabang Port , Toongsukhla , Sriracha , Chonburi 20230**

Sampling Source : LCB Container Terminal 1 Limited.**

Sample No : W 66031331

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด***

Sampling Date : 10/03/2023**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 11/03/2023

Tested Date : 13/03/2023 - 22/03/2023

Reported Date : 25/03/2023

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	56.2
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	37.0
pH (on site) *		Electrometric Method	7.3
Temperature *	°C	Laboratory and Field Method	29
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	66

Physical Apperance : 1. Sample : yellow, lightly SS

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

Remark : 1. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

2. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-7279)*

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

25/03/2023

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

Test Report

Request No : W6603303

Report No : 6603-1580

Customer : LCB Container Terminal I Limited.

Address : LCB Container Terminal I Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230

Sampling Source : LCB Container Terminal I Limited.

Sample No : W 66031331

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 10/03/2023

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 11/03/2023

Tested Date : 13/03/2023 - 22/03/2023

Reported Date : 25/03/2023

Parameter	Unit	Method	Result
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	160,000
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	2.0
Total Solids	mg/L	Dried at 103-105 C (SM:2540B)	368

Physical Apperance : 1. Sample : yellow, lightly SS

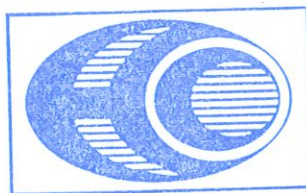
2. Container : Normal [PE 1.0 L, PE 1.8 L, G 1.0 L, G 0.25 L]

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

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

3. Sampling By Mr. Songpon Phiwan (ว-003-ก-7279)

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/03/2023

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

Test Report

Request No : W6603303

Report No : 6603-1583

Customer : LCB Container Terminal 1 Limited.**

Address : LCB Container Terminal 1 Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230**

Sampling Source : LCB Container Terminal 1 Limited.**

Sample No : W 66031334

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด***

Sampling Date : 10/03/2023**

Sampling By : ETC**

Sampling Time : 9:45 AM**

Sampling Method : Grab**

Received Date : 11/03/2023

Tested Date : 13/03/2023 - 22/03/2023

Reported Date : 25/03/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.8	≤20
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.4	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	13	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon. Phiwuan (จ-003-ก-7279)*

5. ## บ่อพักน้ำสุดท้ายภายหลังการบำบัดและกำจัดไขมัน ทำเรือ B1 / ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/03/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

25/03/2023

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

Test Report

Request No : W6603303

Report No : 6603-1583

Customer : LCB Container Terminal 1 Limited.

Address : LCB Container Terminal 1 Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230

Sampling Source : LCB Container Terminal 1 Limited.

Sample No : W 66031334

Sample Name : บ่อพักน้ำสุดท้ายหลังการบำบัด##

Sampling Date : 10/03/2023

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 11/03/2023

Tested Date : 13/03/2023 - 22/03/2023

Reported Date : 25/03/2023

Parameter	Unit	Method	Result	Standard/ ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	130	-
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	3.6	-
Total Solids	mg/L	Dried at 103-105 C (SM:2540B)	316	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม
นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

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

4. Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)

5. ## บ่อพักน้ำสุดท้ายหลังการบำบัดและกำจัดไขมัน ท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/03/2023

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



ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

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



TESTING
No.0159

Test Report

Request No : W6606356

Report No : 6606-2325

Customer : LCB Container Terminal 1 Limited.**

Address : LCB Container Terminal 1 Limited , Leam Chabang Port , Toongsukhla , Sriracha , Chonburi 20230**

Sampling Source : LCB Container Terminal 1 Limited.**

Sample No : W 66061427

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด***

Sampling Date : 13/06/2023**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 14/06/2023

Tested Date : 14/06/2023 - 24/06/2023

Reported Date : 28/06/2023

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	65.9
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	8.6
pH (on site) *		Electrometric Method	7.0
Temperature *	°C	Laboratory and Field Method	30
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	23

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhontod is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)*

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1

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

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-๖-4377)

28/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhontod)

(๖-003-๖-4367)

28/06/2023

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

Test Report

Request No : W6606356

Report No : 6606-2325

Customer : LCB Container Terminal 1 Limited.

Address : LCB Container Terminal 1 Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230

Sampling Source : LCB Container Terminal 1 Limited.

Sample No : W 66061427

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 13/06/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 14/06/2023

Tested Date : 14/06/2023 - 24/06/2023

Reported Date : 28/06/2023

Parameter	Unit	Method	Result
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	1.8
Total Solids	mg/L	Dried at 103-105 C (SM:2540B)	225

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/06/2023

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

Test Report

Request No : W6606356

Report No : 6606-2328

Customer : LCB Container Terminal 1 Limited.**

Address : LCB Container Terminal 1 Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230**

Sampling Source : LCB Container Terminal 1 Limited.**

Sample No : W 66061430

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด***

Sampling Date : 13/06/2023**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 14/06/2023

Tested Date : 14/06/2023 - 24/06/2023

Reported Date : 28/06/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	11.9	≤20
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.1	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	22	≤50

Physical Appearance : 1. Sample : yellowish, lightly SS

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

Remark : 1./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

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

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

5. ## บ่อพักน้ำสุดท้ายภายหลังการบำบัดและกำจัดไขมัน ทำเรือ B1 / ** = These data are non laboratory data.

Examined By :

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

28/06/2023



Approved By :

(Miss Nunnaphat Bakhontod)
(จ-003-ค-4367)

28/06/2023

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

Test Report

Request No : W6606356

Report No : 6606-2328

Customer : LCB Container Terminal 1 Limited.

Address : LCB Container Terminal 1 Limited, Leam Chabang Port, Toongsukhla, Sriracha, Chonburi 20230

Sampling Source : LCB Container Terminal 1 Limited.

Sample No : W 66061430

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด##

Sampling Date : 13/06/2023

Sampling By : ETC

Sampling Time : 9:05 AM

Sampling Method : Grab

Received Date : 14/06/2023

Tested Date : 14/06/2023 - 24/06/2023

Reported Date : 28/06/2023

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	3.0	-
Total Solids	mg/L	Dried at 103-105 C (SM:2540B)	252	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

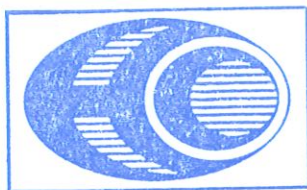
Remark : 1./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม
นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

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

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

5. ## บ่อพักน้ำสุดท้ายภายหลังการบำบัดและกำจัดไขมัน ท่าเรือ B1



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 1 of 1

Examined By :

(Miss Apiradee Chuen-arom)

28/06/2023