

## Test Report

Request No : W6509377

Report No : 6510-0373

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 65091491

Sample Name : ป๋อพักน้ำเสียก่อนเข้าระบบบำบัด\*\*\*

Sampling Date : 14/09/2022\*\*

Sampling By : ETC\*\*

Sampling Time : 9:50 AM\*\*

Sampling Method : Grab\*\*

Received Date : 15/09/2022

Tested Date : 15/09/2022 - 27/09/2022

Reported Date : 07/10/2022

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	47.9
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	8.3
pH (on site) *		Electrometric Method	7.5
Temperature *	°C	Laboratory and Field Method	30
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	45

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 TISI., # = 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.

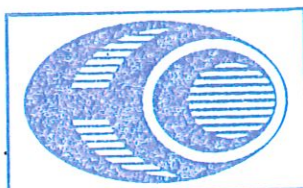
3. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ท-7280)\*

4. ## ป๋อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ท-4377)  
07/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Mr. Kawee Suthasub)  
(จ-003-ท-2205)  
07/10/2022

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## Test Report

Request No : W6509377

Report No : 6510-0373

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 65091491

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 14/09/2022

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 15/09/2022

Tested Date : 15/09/2022 - 27/09/2022

Reported Date : 07/10/2022

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)	6.4
Total Solids	mg/l	Dried at 103-105 C (SM:2540B)	404

Physical Appearance : 1. Sample : yellow, lightly SS

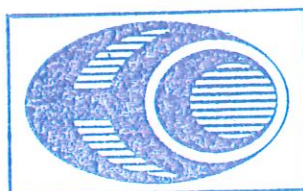
2. Container : Normal [ PE 1.0 L, PE 1.8 L, G 1.0 L, G 0.25 L ]

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. Parkpoom Buasawad (ว-003-ก-7280)

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/10/2022

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## Test Report

Request No : W6509377

Report No : 6510-0374

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 65091492

Sample Name : ป๊อพักสุดท้ายหลังการบำบัด\*\*

Sampling Date : 14/09/2022\*\*

Sampling By : ETC\*\*

Sampling Time : 9:45 AM\*\*

Sampling Method : Grab\*\*

Received Date : 15/09/2022

Tested Date : 15/09/2022 - 27/09/2022

Reported Date : 07/10/2022

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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	8.1	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

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./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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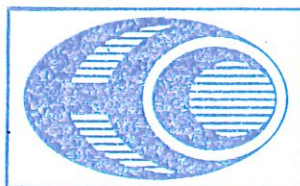
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ค-4377)  
07/10/2022



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Approved By : .....

(Mr. Kawee Suthasub)  
(จ-003-ค-2205)  
07/10/2022

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## Test Report

Request No : W6509377

Report No : 6510-0374

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 65091492

Sample Name : บ่อพักสุดท้ายหลังการบำบัด

Sampling Date : 14/09/2022

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 15/09/2022

Tested Date : 15/09/2022 - 27/09/2022

Reported Date : 07/10/2022

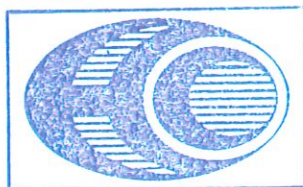
Parameter	Unit	Method	Result	Standard/1
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	3,300	-
Dissolved Oxygen	mg/l	Azide Modification Method (SM:4500 -O C)	7.4	-
Total Solids	mg/l	Dried at 103-105 C (SM:2540B)	104	-

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./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม  
นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/10/2022

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## Test Report

Request No : W6512294

Report No : 6512-1728

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 65121122

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด\*\*\*

Sampling Date : 09/12/2022\*\*

Sampling By : ETC\*\*

Sampling Time : 11:00 AM\*\*

Sampling Method : Grab\*\*

Received Date : 10/12/2022

Tested Date : 12/12/2022 - 20/12/2022

Reported Date : 24/12/2022

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	149
Oil and Grease *	mg/l	Partition-Gravimetric Method (SM:5520B)	24.9
pH (on site) *		Electrometric Method	7.6
Temperature *	°C	Laboratory and Field Method	33
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	55

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.

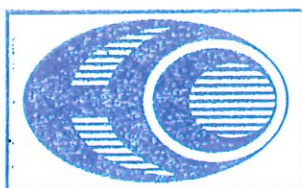
3. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)\*

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันทำเรือ B1

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ค-4377)  
24/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Mr. Kawee Suthasub)  
(จ-003-ค-2205)  
24/12/2022

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## Test Report

Request No : W6512294

Report No : 6512-1728

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 65121122

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 09/12/2022

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 10/12/2022

Tested Date : 12/12/2022 - 20/12/2022

Reported Date : 24/12/2022

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)	<0.3
Total Solids	mg/l	Dried at 103-105 C (SM:2540B)	568

Physical Apperance : 1. Sample : yellow, lightly SS

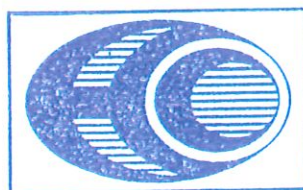
2. Container : Normal [ PE 1.0 L, PE 1.8 L, G 1.0 L, G 0.25 L ]

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 Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/12/2022

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## Test Report

Request No : W6512294

Report No : 6512-1731

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 65121125

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด\*\*\*

Sampling Date : 09/12/2022\*\*

Sampling By : ETC\*\*

Sampling Time : 11:10 AM\*\*

Sampling Method : Grab\*\*

Received Date : 10/12/2022

Tested Date : 12/12/2022 - 20/12/2022

Reported Date : 24/12/2022

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	11.6	≤20
Oil and Grease @	mg/l	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	31	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	< 5	≤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

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

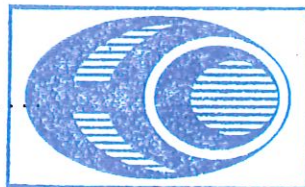
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4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ท-8334)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(ว-003-ท-4377)  
24/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Mr. Kawee Suthasub)  
(ว-003-ท-2205)  
24/12/2022

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## Test Report

Request No : W6512294

Report No : 6512- 1731

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 65121125

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด##

Sampling Date : 09/12/2022

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 10/12/2022

Tested Date : 12/12/2022 - 20/12/2022

Reported Date : 24/12/2022

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-
Dissolved Oxygen	mg/l	Azide Modification Method (SM:4500 -O C)	2.6	-
Total Solids	mg/l	Dried at 103-105 C (SM:2540B)	368	-

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 ]

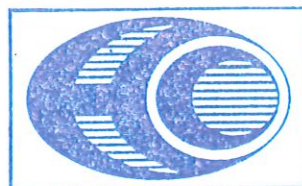
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นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)

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