

Test Report

Request No : W6703434

Report No : 6703-1563

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 67031293

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด***

Sampling Date : 15/03/2024**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 16/03/2024

Tested Date : 18/03/2024 - 22/03/2024

Reported Date : 28/03/2024

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	21.2
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	5.1
pH (on site) *		Electrometric Method	7.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	14

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 / Miss Nunnaphat Bakhontod is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)*

4. ** = These data are non laboratory data. / ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/03/2024

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Sampling Method : Grab

Received Date : 16/03/2024

Tested Date : 18/03/2024 - 22/03/2024

Reported Date : 28/03/2024

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 degree celsius (SM:2540B)	390

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. Supharerk Phatklang

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

28/03/2024

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Test Report

Request No : W6703434

Report No : 6703-1566

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 67031296

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด##**

Sampling Date : 15/03/2024**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 16/03/2024

Tested Date : 18/03/2024 - 22/03/2024

Reported Date : 28/03/2024

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.6	≤20
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.6	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤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,

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/03/2024



Approved By :

(Miss Nunnaphat Bakhontod)

(จ-003-ก-0005)

28/03/2024

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Test Report

Request No : W6703434

Report No : 6703-1566

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 67031296

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด##

Sampling Date : 15/03/2024

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 16/03/2024

Tested Date : 18/03/2024 - 22/03/2024

Reported Date : 28/03/2024

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	-
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	4.6	-
Total Solids	mg/L	Dried at 103-105 degree celsius (SM:2540B)	280	-

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]

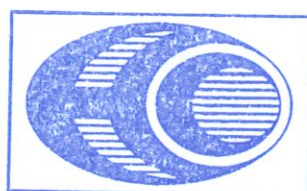
Remark : 1./1 ประกาศกรมเจ้าท่าที่ 164/2560 เรื่องกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากแหล่งกำเนิดประเภทโรงงานอุตสาหกรรม
นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม

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

5. ## บ่อพักน้ำสุดท้ายภายหลังการบำบัดและกำจัด ไนมัน ทำเรือ B1



Examined By :

(Miss Apiradee Chuen-arom)
28/03/2024REPORTED TEST REFERENCE TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6706694

Report No : 6707-1120

Customer : LCB Container Terminal I Limited.

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

Sampling Source : LCB Container Terminal I Limited.

Sample No : W 67062126

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 28/06/2024

Sampling By : ETC

Sampling Time : 9:05 AM

Sampling Method : Grab

Received Date : 29/06/2024

Tested Date : 29/06/2024 - 09/07/2024

Reported Date : 18/07/2024

Parameter	Unit	Method	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	328
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	45.4
pH (on site)		Electrometric Method	4.8
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	73

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, 24th Edition, 2023.

2. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)

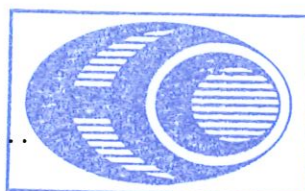
3. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

18/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

18/07/2024

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Test Report

Request No : W6706694

Report No : 6707 - 1120

Customer : LCB Container Terminal 1 Limited.

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

Sampling Source : LCB Container Terminal 1 Limited.

Sample No : W 67062126

Sample Name : บ่อพักน้ำเสียก่อนเข้าระบบบำบัด##

Sampling Date : 28/06/2024

Sampling By : ETC

Sampling Time : 9:05 AM

Sampling Method : Grab

Received Date : 29/06/2024

Tested Date : 29/06/2024 - 09/07/2024

Reported Date : 18/07/2024

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 degree celsius (SM:2540B)	732

Physical Apperance : 1. Sample : yellow, lightly SS

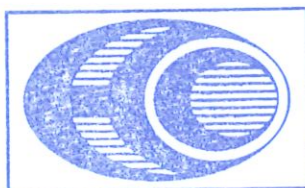
2. Container : Normal [PE 1.0 L, PE 1.8 L, G 1.0 L, G 0.25 L]

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

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

3. Sampling By Mr. Parkpoom Buasawad

4. ## บ่อพักน้ำเสียก่อนเข้าระบบบำบัดและกำจัดไขมันท่าเรือ B1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2024

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Test Report

Request No : W6706694

Report No : 6707- 1123

Customer : LCB Container Terminal I Limited.

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

Sampling Source : LCB Container Terminal I Limited.

Sample No : W 67062129

Sample Name : บ่อพักน้ำสุดท้ายภายหลังการบำบัด##

Sampling Date : 28/06/2024

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 29/06/2024

Tested Date : 29/06/2024 - 09/07/2024

Reported Date : 18/07/2024

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.9	≤20
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 Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	20	≤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. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

4. ## บ่อพักน้ำสุดท้ายภายหลังการบำบัดและกำจัดไขมันท่าเรือ B1

Examined By :

 (Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
18/07/2024


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Approved By :

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(ว-003-ค-0005)
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Received Date : 29/06/2024

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Reported Date : 18/07/2024

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	-
Dissolved Oxygen	mg/L	Azide Modification Method (SM:4500 -O C)	4.0	-
Total Solids	mg/L	Dried at 103-105 degree celsius (SM:2540B)	390	-

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

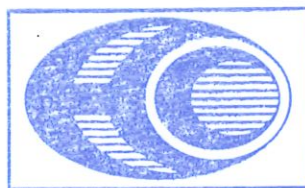
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