

Test Report

Request No : W 6412339

Report No : 6412-1535

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 64121373

Sample Name : Influent

Sampling Date : 13/12/2021

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 14/12/2021

Tested Date : 14/12/2021 - 22/12/2021

Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard/I
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	19.2	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	98	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	830	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	20	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	23	≤200

Physical Appearance : 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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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 Phiwan (ว-003-ท-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

24/12/2021

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Test Report

Request No : W6412339

Report No : 6412- 1535

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 64121373

Sample Name : Influent

Sampling Date : 13/12/2021

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 14/12/2021

Tested Date : 14/12/2021 - 22/12/2021

Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	301	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/12/2021

Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Sample No : W 64121851
Sampling Date : 20/12/2021
Sampling Time : 9:40 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Request No : W6412501
Report No : 6501-0337

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	15.8	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	85	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field	29	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	735	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	18	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	8	≤200

Physical Appearance : 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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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. Supharerk Phatklang (1-003-ก-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-4377)

05/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-ก-2205)

05/01/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Request No : W6412501
Report No : 6501- 0337
Sample No : W 64121851
Sampling Date : 20/12/2021
Sampling Time : 9:40 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	173	-

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. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

3. Sampling By Mr. Supharerk Phatklang (T-003-0-5637)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-C1)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

05/01/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Request No : W6501149


Report No : 6501-1669

Sample No : W 65010649
Sampling Date : 08/01/2022
Sampling Time : 10:20 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤0.25
Barium *	mg/l	Digestion,Inductively Coupled Plasma	0.09	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	24.8	≤500
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux,Titrimetric	125	≤750
Color(Original) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤600

Physical Apperance : 1. Sample : slightly -white, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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Test Report

Request No : W6501149

Report No : 6501-1669

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Sample No : W 65010649
Sampling Date : 08/01/2022
Sampling Time : 10:20 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Manganese *	mg/l	Digestion,Inductively Coupled Plasma	0.05	≤5
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame	0.35	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10

Physical Apperance : 1. Sample : slightly -white, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Request No : W6501149
Report No : 6501-1669
Sample No : W 65010649
Sampling Date : 08/01/2022
Sampling Time : 10:20 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022


Parameter	Unit	Method	Result	Standard/ ¹
pH (on site) *		Electrometric	7.6	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric	0.026	≤1
Selenium *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0050	≤0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric	< 0.53	≤1
Temperature *	°C	Laboratory and Field	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,064	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	15	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	63	≤200

Physical Apperance : 1. Sample : slightly -white, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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Test Report

Request No : W6501149

Report No : 6501-1669

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Sample No : W 65010649
Sampling Date : 08/01/2022
Sampling Time : 10:20 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion, Direct Air-Acetylene Flame Method; Filtration, Colorimetric Method; Calculation	0.14	≤0.75
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.81	≤5

Physical Appearance : 1. Sample : slightly -white, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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TEST REPORT

Request No. : W6501149, W6503211

Report No. : 6501-1669-1, 6503-1378

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 Bowin , Sriracha , Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 – 22/01/2022

Sample No. : W 65010649, W 65030872
Sampling Date : 08/01/2022, 07/03/2022
Sampling Time : 10:20 AM, 9:25 AM
Received Date : 10/01/2022, 08/03/2022
Reported Date : 19/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	246	-
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric	0.1	≤ 1
Fluoride ²	mg/l	Ion-Selective Electrode Method	3.51	≤ 5
Iron	mg/l	Digestion, Direct Air-Acetylene Flame	0.96	≤ 10
Silver	mg/l	Digestion, Inductively Coupled Plasma	< 0.05	≤ 1
Surfactants	mg/l as MBAS	Anionic Surfactants as MBAS	< 0.40	≤ 30

Physical Appearance : 1. Sample : slightly – white, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
2. /2 Sample No. W65030872 : Sampling Date 07/03/2022 (9:25 AM) : Tested Date 08/03/2022 – 09/03/2022
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatkiang (ว-003-จ-5637)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

SUPPLEMENT TO TEST REPORT NO. 6501-1669



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

19/03/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6501149

Report No. 6501-1669

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 10/01/2022 -- 22/01/2022

Sample No. : W 65010649

Sampling Date : 08/01/2022

Sampling Time : 10:20 AM

Received Date : 10/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****

Physical Appearance : 1. Sample : slightly - white, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L(7 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. ND = Not Detected

4. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4

Examined By 

(Miss Apiradee Chuen-arom)

(๖-003-๖-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Mr. Kawee Suthasub)

(๖-003-๖-2205)

26/01/2022

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Test Report

Request No : W6501175

Report No : 6501-1254

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Sample No : W 65010751
Sampling Date : 10/01/2022
Sampling Time : 10:15 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	12.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	60	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	8.0	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,072	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	11	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	26	≤200

Physical Apperance : 1. Sample : white, lightly SS

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

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/01/2022

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

Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Request No : W6501175
Report No : 6501-1254
Sample No : W 65010751
Sampling Date : 10/01/2022
Sampling Time : 10:15 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	243	-

Physical Apperance : 1. Sample : white , lightly SS

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

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

3. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
19/01/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 26/01/2022

Sample No : W 65011440
Sampling Date : 17/01/2022
Sampling Time : 12:00 PM
Received Date : 18/01/2022
Reported Date : 31/01/2022

Request No : W6501349
Report No : 6501-2112

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	31.4	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	140	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	952	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	26	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	34	≤200

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 26/01/2022

Request No : W6501349

Report No : 6501-2112

Sample No : W 65011440
Sampling Date : 17/01/2022
Sampling Time : 12:00 PM
Received Date : 18/01/2022
Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	213	

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
31/01/2022

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Test Report

Request No : W6501472

Report No : 6502-0200

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65011772

Sample Name : Influent

Sampling Date : 24/01/2022

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 25/01/2022

Tested Date : 25/01/2022 - 31/01/2022

Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	31.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	118	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,124	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	22	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	35	≤200

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6501472

Report No : 6502-0200

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65011772

Sample Name : Influent

Sampling Date : 24/01/2022

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 25/01/2022

Tested Date : 25/01/2022 - 31/01/2022

Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric	237	

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

3. Sampling By Mr. Songpon Phiwuan (3-003-ค-7279)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/02/2022

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Test Report

Request No : W6502205

Report No : 6502-1448

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65020771

Sample Name : Influent*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 10:00 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	11.4	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	960	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	23	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/02/2022

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Test Report

Request No : W6502205

Report No : 6502-1448

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65020771

Sample Name : Influent

Sampling Date : 07/02/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	266	

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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-ค-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

22/02/2022

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Test Report

Request No : W6502344

Report No : 6503-0200

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021352

Sample Name : Influent*

Sampling Date : 14/02/2022*

Sampling By : ETC*

Sampling Time : 9:40 AM*

Sampling Method : Grab*

Received Date : 15/02/2022

Tested Date : 15/02/2022 - 26/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.4	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,640	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤200

Physical Appearance : 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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ค-7280)*

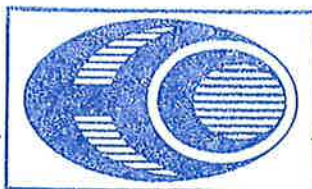
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

02/03/2022

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Test Report

Request No : W6502344

Report No : 6503- 0200

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 15/02/2022 - 26/02/2022

Sample No : W 65021352

Sampling Date : 14/02/2022

Sampling Time : 9:40 AM

Received Date : 15/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	221	-

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]

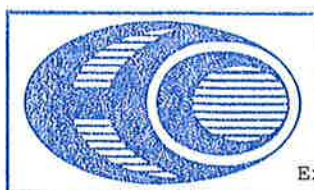
Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (ว-003-ก-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502488

Report No : 6503-0420

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021736

Sample Name : Influent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:30 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,574	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	16	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	15	≤200

Physical Appearance : 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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0420

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021736

Sample Name : Influent

Sampling Date : 21/02/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	202	-

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]

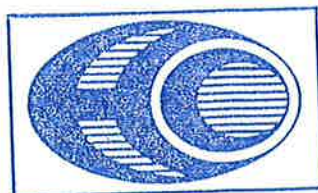
Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 (1-003-จ-5637)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

05/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6503008

Report No : 6503-1039

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030025

Sample Name : Influent*

Sampling Date : 28/02/2022*

Sampling By : ETC*

Sampling Time : 10:09 AM*

Sampling Method : Grab*

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	76	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	992	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	15	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	20	≤200

Physical Appearance : 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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

15/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6503008

Report No : 6503-1039

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030025

Sample Name : Influent

Sampling Date : 28/02/2022

Sampling By : ETC

Sampling Time : 10:09 AM

Sampling Method : Grab

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	247	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 22/03/2022

Request No : W6503212

Report No : 6503-1923

Sample No : W 65030873

Sampling Date : 07/03/2022*

Sampling Time : 9:25 AM*

Received Date : 08/03/2022

Reported Date : 28/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	42	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,248	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	10	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	21	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/03/2022

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Test Report

Request No : W6503212

Report No : 6503-1923

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030873

Sample Name : Influent

Sampling Date : 07/03/2022

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 08/03/2022

Tested Date : 08/03/2022 - 22/03/2022

Reported Date : 28/03/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	218	-

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. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 (จ-003-จ-5637)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
28/03/2022

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Test Report

Request No : W6503376

Report No : 6503-2133

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 15/03/2022 - 25/03/2022

Sample No : W 65031511
Sampling Date : 14/03/2022*
Sampling Time : 9:25 AM*
Received Date : 15/03/2022
Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	14.7	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	51	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	26	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	832	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	16	≤200

Physical Appearance : 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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/03/2022

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Test Report

Request No : W6503376

Report No : 6503-2133

Customer : Amata City Rayong Co., Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65031511

Sample Name : Influent

Sampling Date : 14/03/2022

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 15/03/2022

Tested Date : 15/03/2022 - 25/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	209	-

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

31/03/2022

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Test Report

Request No : W6503511

Report No : 6504-0103

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65031990

Sample Name : Influent*

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 11:40 A*M

Sampling Method : Grab*

Received Date : 22/03/2022

Tested Date : 22/03/2022 - 31/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.5	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	608	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	9	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	30	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 22/03/2022 - 31/03/2022

Request No : W6503511

Report No : 6504 -0103

Sample No : W 65031990

Sampling Date : 21/03/2022

Sampling Time : 11:40 AM

Received Date : 22/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	163	-

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. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (ว-003-ค-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6503615

Report No : 6504-0381

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65032336

Sample Name : Influent*

Sampling Date : 28/03/2022*

Sampling By : ETC*

Sampling Time : 11:15 AM*

Sampling Method : Grab*

Received Date : 29/03/2022

Tested Date : 29/03/2022 - 05/04/2022

Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	19.6	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	64	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	808	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	18	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	37	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ค-7280)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

07/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

07/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6503615

Report No : 6504-0381

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65032336

Sample Name : Influent

Sampling Date : 28/03/2022

Sampling By : ETC

Sampling Time : 11:15 AM

Sampling Method : Grab

Received Date : 29/03/2022

Tested Date : 29/03/2022 - 05/04/2022

Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	162	-

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. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ค-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1618
Sample No : W 65040468
Sampling Date : 04/04/2022**
Sampling Time : 10:00 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	11.9	≤500
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux,Titrimetric Method (SM:5220C)	44	≤750

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (จ-003-ค-7280)*

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6504098

Report No : 6504-1618

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65040468

Sample Name : Influent**

Sampling Date : 04/04/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤600
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric Method	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ท-7280)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-ETP)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098

Report No : 6504-1618

Sample No : W 65040468
Sampling Date : 04/04/2022**
Sampling Time : 10:00 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 5
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.12	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.6	5.5-9.0

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

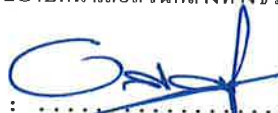
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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


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

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4 CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1618
Sample No : W 65040468
Sampling Date : 04/04/2022***
Sampling Time : 10:00 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤ 0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	916	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	10	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	21	≤ 200

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
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. Parkpoom Buasawad (จ-003-ก-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-C1) **

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1618

Sample No : W 65040468
Sampling Date : 04/04/2022**
Sampling Time : 10:00 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion,Direct AAS Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3111B)	< 0.10	≤0.75
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-BT-C1)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

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Test Report

Request No : W6504098

Report No : 6504 -1618

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65040468

Sample Name : Influent**

Sampling Date : 04/04/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	217	-
Chlorine (Residual) *	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1
Fluoride *	mg/l	Ion-Selective Electrode Method (SM:4500 -F- C)	< 0.50	≤5
Iron [@]	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.38	≤10
Silver [@]	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	≤1
Surfactants*	mg/l as MBAS	Anionic Surfactants as MBAS Method (SM:5540C)	< 0.40	≤30

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6504098

Report No. 6504-1618

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 05/04/2022 – 20/04/2022
Sample No. : W 65040468
Sampling Date : 04/04/2022
Sampling Time : 10:00 AM
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. ND = Not Detected

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด แห่งที่ 4 (WWTP-ETC)

Examined By 
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

26/04/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 12/04/2022 - 23/04/2022

Request No : W6504292
Report No : 6504-1937
Sample No : W 65041086
Sampling Date : 11/04/2022**
Sampling Time : 9:40 AM**
Received Date : 12/04/2022
Reported Date : 28/04/2022


Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	21.1	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	67	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	6.6	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,388	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	26	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
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 Phiwan (จ-003-ค-7279)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)*

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6504292

Report No : 6504-1937

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041086

Sample Name : Influent

Sampling Date : 11/04/2022

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/04/2022

Tested Date : 12/04/2022 - 23/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	333	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (ว-003-ค-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
28/04/2022

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

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/04/2022 - 26/04/2022

Request No : W6504352
Report No : 6504-1987
Sample No : W 65041252
Sampling Date : 18/04/2022**
Sampling Time : 10:40 AM**
Received Date : 19/04/2022
Reported Date : 28/04/2022


Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	35.5	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	111	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	612	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	16	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	30	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

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Test Report

Request No : W6504352

Report No : 6504-1987

Customer : Amata City Rayong Co., Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041252

Sample Name : Influent

Sampling Date : 18/04/2022

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 19/04/2022

Tested Date : 19/04/2022 - 26/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	95.1	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
28/04/2022

Test Report

Request No : W6504509

Report No : 6505-0214

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041832

Sample Name : Influent**

Sampling Date : 25/04/2022**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 26/04/2022

Tested Date : 26/04/2022 - 03/05/2022

Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	30.7	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	99	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,068	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	18	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (จ-003-ก-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

05/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

05/05/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 26/04/2022 - 03/05/2022

Request No : W6504509
Report No : 6505-0214
Sample No : W 65041832
Sampling Date : 25/04/2022
Sampling Time : 11:30 AM
Received Date : 26/04/2022
Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	220	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)
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 Phiwan (จ-003-ค-7279)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)
05/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1201

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050348

Sample Name : Influent**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	30.0	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	143	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	3.5	≤10
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	676	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	36	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	39	≤200

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1201

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050348

Sample Name : Influent

Sampling Date : 04/05/2022

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	212	-

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. /l Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
19/05/2022

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Test Report

Request No : W6505211

Report No : 6505-1634

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050798

Sample Name : Influent**

Sampling Date : 09/05/2022**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	46.4	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	128	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	3.4	≤10
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	960	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	10	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	25	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทงชีวภาพ แห่งที่ 4 (W 65050798) **

Examined By

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
21/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
21/05/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 10/05/2022 - 19/05/2022

Request No : W6505211

Report No : 6505-1634

Sample No : W 65050798

Sampling Date : 09/05/2022

Sampling Time : 11:10 AM

Received Date : 10/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	153	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Phiwan (3-003-ค-7279)

5.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

21/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505347

Report No : 6505-2174

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 24/05/2022

Sample No : W 65051390
Sampling Date : 16/05/2022**
Sampling Time : 10:40 AM**
Received Date : 17/05/2022
Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.1	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	60	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	570	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	15	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	19	≤200

Physical Appearance : 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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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-ท-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
31/05/2022

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Test Report

Request No : W6505347

Report No : 6505-2174

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65051390

Sample Name : Influent

Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 24/05/2022

Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	115	-

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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 (จ-003-ก-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/05/2022

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Test Report

Request No : W6505487

Report No : 6506-0059

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 24/05/2022 - 30/05/2022

Sample No : W 65051887
Sampling Date : 23/05/2022**
Sampling Time : 10:45 AM**
Received Date : 24/05/2022
Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	14.7	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	54	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	885	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	10	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Miss Pornpinan Viriyakusolkul (1-003-1-8334)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-ET)**

Examined By : 
(Miss Apiradee Chuen-arom)
(1-003-1-4377)
02/06/2022



Approved By : 
(Mr. Kawee Suthasub)
(1-003-1-2205)
02/06/2022

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Test Report

Request No : W6505487

Report No : 6506-0059

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65051887

Sample Name : Influent

Sampling Date : 23/05/2022

Sampling By : ETC

Sampling Time : 10:45 AM

Sampling Method : Grab

Received Date : 24/05/2022

Tested Date : 24/05/2022 - 30/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	216	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

02/06/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 14/06/2022

Sample No : W 65060580

Sampling Date : 06/06/2022**

Sampling Time : 10:30 AM**

Received Date : 07/06/2022

Reported Date : 18/06/2022

Request No : W6506147

Report No : 6506-1320

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	26.0	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	117	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,276	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	15	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	37	≤200

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. /l Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Miss Janthanee Saiphan (จ-003-ค-7281) *

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W-ETP) **

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/06/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 07/06/2022 - 14/06/2022

Request No : W6506147

Report No : 6506-1320

Sample No : W 65060580

Sampling Date : 06/06/2022

Sampling Time : 10:30 AM

Received Date : 07/06/2022

Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	288	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 Miss Janthanee Saiphan (จ-003-ค-7281)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6506346

Report No : 6506-2053

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061349

Sample Name : Influent**

Sampling Date : 13/06/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 14/06/2022

Tested Date : 14/06/2022 - 23/06/2022

Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	42.3	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	137	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,315	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	7	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	38	≤200

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 / Mrs.Wanpen Lhaochindawat is Technical Management.

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

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-ET)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)

(จ-003-ค-2183)

28/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506346

Report No : 6506-2053

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061349

Sample Name : Influent

Sampling Date : 13/06/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 14/06/2022

Tested Date : 14/06/2022 - 23/06/2022

Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	167	-

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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 (๖-๐๐3-๖-5637)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6412339

Report No : 6412-1536

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 64121374

Sample Name : Effluent

Sampling Date : 13/12/2021

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 14/12/2021

Tested Date : 14/12/2021 - 22/12/2021

Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0031	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

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

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 Phiwan (ว-003-ท-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

24/12/2021

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6412339

Report No : 6412-1536

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 64121374

Sample Name : Effluent

Sampling Date : 13/12/2021

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 14/12/2021

Tested Date : 14/12/2021 - 22/12/2021

Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard ¹
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,235	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	9	≤50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.46	≤5

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

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = ISO/IEC 17025:2017 Accredited by DSS,
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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

24/12/2021

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6412501

Report No : 6501-0338

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Sample No : W 64121852
Sampling Date : 20/12/2021
Sampling Time : 9:45 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	2.1	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field	29	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,140	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	10	≤50

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (1-003-1-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-1-4377)
05/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(1-003-1-2205)
05/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 21/12/2021 - 28/12/2021

Request No : W6412501

Report No : 6501-0338

Sample No : W 64121852

Sampling Date : 20/12/2021

Sampling Time : 9:45 AM

Received Date : 21/12/2021

Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	290	

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

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

3. Sampling By Mr. Supharker Phatklang (1-003-0-5637)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

05/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Request No : W6501149
Report No : 6501-1670
Sample No : W 65010650
Sampling Date : 08/01/2022
Sampling Time : 10:05 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤0.25
Barium *	mg/l	Digestion,Inductively Coupled Plasma	0.05	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	5.8	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux,Titrimetric	< 40	≤120
Color(Original) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤300

Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-๓-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-๓-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-๓-2205)
26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6501149

Report No : 6501-1670


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Sample No : W 65010650
Sampling Date : 08/01/2022
Sampling Time : 10:05 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

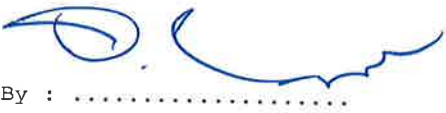
Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation, Colorimetric	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤0.2
Manganese *	mg/l	Digestion, Inductively Coupled Plasma	0.05	≤5
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤1
Oil and Grease ^Q	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5

Physical Appearance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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



Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022


Sample No : W 65010650
Sampling Date : 08/01/2022
Sampling Time : 10:05 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Request No : W6501149
Report No : 6501-1670

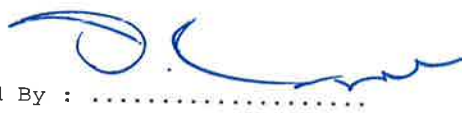
Parameter	Unit	Method	Result	Standard/ ¹
pH (on site) *		Electrometric	7.3	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric	0.022	≤1
Selenium *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0050	≤0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric	< 0.53	≤1
Temperature *	°C	Laboratory and Field	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,676	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	9	≤50

Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-จ-2205)
26/01/2022

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

Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022


Sample No : W 65010650
Sampling Date : 08/01/2022
Sampling Time : 10:05 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Request No : W6501149
Report No : 6501-1670

Parameter	Unit	Method	Result	Standard/ ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion, Direct Air-Acetylene Flame Method; Filtration, Colorimetric Method; Calculation	< 0.10	≤ 0.75
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.23	≤ 5


Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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

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Test Report

Request No : W6501149

Report No : 6501-1670

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65010650

Sample Name : Effluent

Sampling Date : 08/01/2022

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 10/01/2022

Tested Date : 10/01/2022 - 22/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric	0.1	≤1

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

3. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
26/01/2022

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

COPY

Request No. W6501149

Report No. 6501-1670

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 – 22/01/2022
Sample No. : W 65010650
Sampling Date : 08/01/2022
Sampling Time : 10:05 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****


Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L(7 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. ND = Not Detected
4. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W-003-จ-5637)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
26/01/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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Test Report

Request No : W6501175

Report No : 6501-1255

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Sample No : W 65010752
Sampling Date : 10/01/2022
Sampling Time : 10:05 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,964	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	6	≤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. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
19/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)
19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Request No : W6501175

Report No : 6501-1255

Sample No : W 65010752
Sampling Date : 10/01/2022
Sampling Time : 10:05 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric	348	

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

3. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
19/01/2022

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Test Report

Request No : W6501349

Report No : 6501-2113

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65011441

Sample Name : Effluent

Sampling Date : 17/01/2022

Sampling By : ETC

Sampling Time : 11:50 AM

Sampling Method : Grab

Received Date : 18/01/2022

Tested Date : 18/01/2022 - 27/01/2022

Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard/l
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤ 20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma	< 0.03	≤ 0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤ 0.25
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤ 0.005

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

31/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

31/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6501349

Report No : 6501-2113

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 27/01/2022

Sample No : W 65011441
Sampling Date : 17/01/2022
Sampling Time : 11:50 AM
Received Date : 18/01/2022
Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard ¹
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,676	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	< 5	≤ 50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.30	≤ 5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/01/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 25/01/2022 - 31/01/2022


Sample No : W 65011773
Sampling Date : 24/01/2022
Sampling Time : 10:50 AM
Received Date : 25/01/2022
Reported Date : 04/02/2022

Request No : W6501472
Report No : 6502-0201

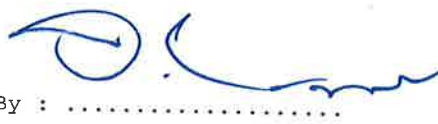
Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.5	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,124	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	< 5	≤50

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
04/02/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
04/02/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 25/01/2022 - 31/01/2022

Request No : W6501472

Report No : 6502-0201

Sample No : W 65011773
Sampling Date : 24/01/2022
Sampling Time : 10:50 AM
Received Date : 25/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	272	-

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

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

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

4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

04/02/2022

Test Report

Request No : W6502205

Report No : 6502-1449

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65020772

Sample Name : Effluent*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:55 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/02/2022

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Test Report

Request No : W6502205

Report No : 6502-1449

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65020772

Sample Name : Effluent*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:55 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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	28	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,744	≤ 3000
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 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

22/02/2022

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Test Report

Request No : W6502205

Report No : 6502-1449

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65020772

Sample Name : Effluent*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:55 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.38	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

22/02/2022

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Test Report

Request No : W6502344

Report No : 6503-0201

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021353

Sample Name : Effluent*

Sampling Date : 14/02/2022*

Sampling By : ETC*

Sampling Time : 9:45 AM*

Sampling Method : Grab*

Received Date : 15/02/2022

Tested Date : 15/02/2022 - 26/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
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
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	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,364	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
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 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. @ = 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. Parkpoom Buasawad (จ-003-ค-7280)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/03/2022

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Test Report

Request No : W6502344

Report No : 6503-0201

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021353

Sample Name : Effluent

Sampling Date : 14/02/2022

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 15/02/2022

Tested Date : 15/02/2022 - 26/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	249	-

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]

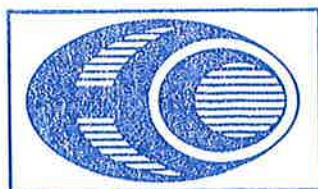
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0421

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021737

Sample Name : Effluent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:20 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0421

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021737

Sample Name : Effluent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:20 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,692	≤ 3000
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 0.5 L* [3 Bottle], 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0421

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021737

Sample Name : Effluent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:20 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-ก-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4 CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
05/03/2022

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Test Report

Request No : W6503008

Report No : 6503-1040

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030026

Sample Name : Effluent*

Sampling Date : 28/02/2022*

Sampling By : ETC*

Sampling Time : 10:13 AM*

Sampling Method : Grab*

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.9	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤120
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 Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,284	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	9	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	33	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Pompinan Viriyakusolkul (จ-003-จ-8334)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
15/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
15/03/2022

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Test Report

Request No : W6503008

Report No : 6503-1040

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030026

Sample Name : Effluent

Sampling Date : 28/02/2022

Sampling By : ETC

Sampling Time : 10:13 AM

Sampling Method : Grab

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	299	-

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

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6503212

Report No : 6503-1924

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030874

Sample Name : Effluent*

Sampling Date : 07/03/2022*

Sampling By : ETC*

Sampling Time : 9:15 AM*

Sampling Method : Grab*

Received Date : 08/03/2022

Tested Date : 08/03/2022 - 22/03/2022

Reported Date : 28/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-ก-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
28/03/2022

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Test Report

Request No : W6503212

Report No : 6503-1924

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65030874

Sample Name : Effluent*

Sampling Date : 07/03/2022*

Sampling By : ETC*

Sampling Time : 9:15 AM*

Sampling Method : Grab*

Received Date : 08/03/2022

Tested Date : 08/03/2022 - 22/03/2022

Reported Date : 28/03/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,232	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤ 50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
28/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 22/03/2022

Sample No : W 65030874

Sampling Date : 07/03/2022*

Sampling Time : 9:15 AM*

Received Date : 08/03/2022

Reported Date : 28/03/2022

Request No : W6503212

Report No : 6503-1924

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/03/2022

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Test Report

Request No : W6503376

Report No : 6503-2134

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 15/03/2022 - 25/03/2022

Sample No : W 65031512
Sampling Date : 14/03/2022*
Sampling Time : 9:15 AM*
Received Date : 15/03/2022
Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,208	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
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 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/03/2022

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Test Report

Request No : W6503376

Report No : 6503-2134

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65031512

Sample Name : Effluent

Sampling Date : 14/03/2022

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 15/03/2022

Tested Date : 15/03/2022 - 25/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	274	-

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

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/03/2022

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Test Report

Request No : W6503511

Report No : 6504-0104

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65031991

Sample Name : Effluent*

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 11:30 AM*

Sampling Method : Grab*

Received Date : 22/03/2022

Tested Date : 22/03/2022 - 31/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0042	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.8	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/04/2022

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Test Report

Request No : W6503511

Report No : 6504-0104

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65031991

Sample Name : Effluent*

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 11:30 AM*

Sampling Method : Grab*

Received Date : 22/03/2022

Tested Date : 22/03/2022 - 31/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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	28	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,180	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], 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. @ = 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 Phiwan (จ-003-ก-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
04/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 22/03/2022 - 31/03/2022

Sample No : W 65031991

Sampling Date : 21/03/2022*

Sampling Time : 11:30 AM*

Received Date : 22/03/2022

Reported Date : 04/04/2022

Request No : W6503511

Report No : 6504-0104

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = 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 Phiwan (จ-003-ค-7279)*
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/04/2022

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Test Report

Request No : W6503615

Report No : 6504-0382

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65032337

Sample Name : Effluent*

Sampling Date : 28/03/2022*

Sampling By : ETC*

Sampling Time : 11:20 AM*

Sampling Method : Grab*

Received Date : 29/03/2022

Tested Date : 29/03/2022 - 05/04/2022

Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard ¹
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	34	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,288	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ก-7280)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

07/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

07/04/2022

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Test Report

Request No : W6503615

Report No : 6504-0382

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65032337

Sample Name : Effluent

Sampling Date : 28/03/2022

Sampling By : ETC

Sampling Time : 11:20 AM

Sampling Method : Grab

Received Date : 29/03/2022

Tested Date : 29/03/2022 - 05/04/2022

Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	273	

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

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/04/2022

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

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1619
Sample No : W 65040469
Sampling Date : 04/04/2022**
Sampling Time : 10:10 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	≤120


Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

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

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098


Report No : 6504-1619

Sample No : W 65040469
Sampling Date : 04/04/2022**
Sampling Time : 10:10 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard/ ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric Method	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ก-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
26/04/2022

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

COPY

Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1619
Sample No : W 65040469
Sampling Date : 04/04/2022**
Sampling Time : 10:10 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0


Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

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

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098
Report No : 6504-1619
Sample No : W 65040469
Sampling Date : 04/04/2022**
Sampling Time : 10:10 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤ 0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,176	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 WWTPL-C-1**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022


Request No : W6504098
Report No : 6504-1619

Sample No : W 65040469
Sampling Date : 04/04/2022**
Sampling Time : 10:10 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard ^{1/}
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion,Direct AAS Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3111B)	< 0.10	≤0.75
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-C1)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

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Test Report

Request No : W6504098

Report No : 6504-1619

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65040469

Sample Name : Effluent

Sampling Date : 04/04/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

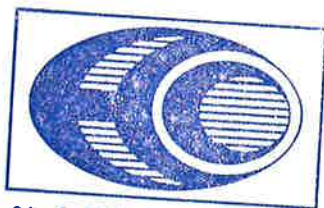
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. 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. Parkpoom Buasawad (ว-003-ค-7280)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/04/2022

Request No. W6504098

Report No. 6504-1619


TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 05/04/2022 – 20/04/2022
Sample No. : W 65040469
Sampling Date : 04/04/2022
Sampling Time : 10:10 AM
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. ND = Not Detected
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
26/04/2022



Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
26/04/2022

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Test Report

Request No : W6504292

Report No : 6504-1938

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041087

Sample Name : Effluent**

Sampling Date : 11/04/2022**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 12/04/2022

Tested Date : 12/04/2022 - 23/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.0	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,256	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WV-1027)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 12/04/2022 - 23/04/2022

Request No : W6504292

Report No : 6504-1938

Sample No : W 65041087

Sampling Date : 11/04/2022

Sampling Time : 9:30 AM

Received Date : 12/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	268	-

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. /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. Parameter Outside The Scope of The Registration of Industrial Works

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
28/04/2022

Test Report

Request No : W6504352

Report No : 6504-1988

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041253

Sample Name : Effluent**

Sampling Date : 18/04/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 19/04/2022

Tested Date : 19/04/2022 - 26/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0025	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-4)***

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

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Test Report

Request No : W6504352

Report No : 6504-1988

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041253

Sample Name : Effluent**

Sampling Date : 18/04/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 19/04/2022

Tested Date : 19/04/2022 - 26/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	768	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	10	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWS-4)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 19/04/2022 - 26/04/2022

Sample No : W 65041253

Sampling Date : 18/04/2022**

Sampling Time : 10:30 AM**

Received Date : 19/04/2022

Reported Date : 28/04/2022

Request No : W6504352

Report No : 6504-1988

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-ETP)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 26/04/2022 - 03/05/2022

Sample No : W 65041833

Sampling Date : 25/04/2022**

Sampling Time : 11:15 AM**

Received Date : 26/04/2022

Reported Date : 05/05/2022

Request No : W6504509

Report No : 6505-0215

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,152	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

5. ** = These data are non laboratory data

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6504509

Report No : 6505-0215

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 26/04/2022 - 03/05/2022

Sample No : W 65041833
Sampling Date : 25/04/2022
Sampling Time : 11:15 AM
Received Date : 26/04/2022
Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	257	-

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./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. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwan (ว-003-ก-7279)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
05/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1202

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050349

Sample Name : Effluent**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0026	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.9	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. @ = ISO/IEC 17025:2017 Accredited by TISL, # = 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-1)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1202

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050349

Sample Name : Effluent**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard/ ^l
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.10	≤1
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 Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,004	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharek Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-1)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/05/2022

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Test Report

Request No : W 6505080

Report No : 6505-1202

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050349

Sample Name : Effluent**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTPM-4) **

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/05/2022

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Test Report

Request No : W6505211

Report No : 6505-1635

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050799

Sample Name : Effluent**

Sampling Date : 09/05/2022**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard ¹
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)	45	≤ 120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	992	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
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 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. @ = 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 Phiwan (จ-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (www.etc1992.com)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
21/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
21/05/2022

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Test Report

Request No : W6505211

Report No : 6505-1635

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65050799

Sample Name : Effluent

Sampling Date : 09/05/2022

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	229	-

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

4. Sampling By Mr. Songpon Phiwan (จ-003-ค-7279)

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

21/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

21/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505347


Report No : 6505-2175

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 25/05/2022
Sample No : W 65051391
Sampling Date : 16/05/2022**
Sampling Time : 10:30 AM**
Received Date : 17/05/2022
Reported Date : 31/05/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0030	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

- Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ค-7279)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/05/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/05/2022

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

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Test Report

Request No : W6505347


Report No : 6505-2175

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 25/05/2022
Sample No : W 65051391
Sampling Date : 16/05/2022**
Sampling Time : 10:30 AM**
Received Date : 17/05/2022
Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Lead [@]	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel [@]	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) [*]		Electrometric Method	7.6	5.5-9.0
Temperature [*]	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids [#]	mg/l	Dried at 180 C (SM:2540C)	1,176	≤3000
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	8	≤50


Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ท-7279)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ท-2205)
31/05/2022

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Test Report

Request No : W6505347

Report No : 6505-2175

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65051391

Sample Name : Effluent**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 25/05/2022

Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg / l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (ว-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางท้าวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

31/05/2022

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Test Report

Request No : W6505487

Report No : 6506-0060


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 24/05/2022 - 30/05/2022

Sample No : W 65051888
Sampling Date : 23/05/2022**
Sampling Time : 10:54 AM**
Received Date : 24/05/2022
Reported Date : 02/06/2022


Parameter	Unit	Method	Result	Standard ¹
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)	41	≤120
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 Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,002	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/06/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/06/2022

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Test Report

Request No : W6505487

Report No : 6506-0060

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65051888

Sample Name : Effluent

Sampling Date : 23/05/2022

Sampling By : ETC

Sampling Time : 10:54 AM

Sampling Method : Grab

Received Date : 24/05/2022

Tested Date : 24/05/2022 - 30/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	240	-

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

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

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

02/06/2022

Test Report

Request No : W6506147

Report No : 6506-1321

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65060581

Sample Name : Effluent**

Sampling Date : 06/06/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 07/06/2022

Tested Date : 07/06/2022 - 15/06/2022

Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0025	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ก-7281) *

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4 CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/06/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 07/06/2022 - 15/06/2022

Request No : W6506147
Report No : 6506-1321

Sample No : W 65060581
Sampling Date : 06/06/2022**
Sampling Time : 10:20 AM**
Received Date : 07/06/2022
Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,268	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤ 50

Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

- Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ก-7281) *
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด (WWTP4-CTP)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
18/06/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 15/06/2022

Sample No : W 65060581

Sampling Date : 06/06/2022**

Sampling Time : 10:20 AM**

Received Date : 07/06/2022

Reported Date : 18/06/2022

Request No : W6506147

Report No : 6506-1321

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ค-7281) *

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTBW-C4)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/06/2022

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Test Report

Request No : W 6506346

Report No : 6506-2054

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061350

Sample Name : Effluent**

Sampling Date : 13/06/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 14/06/2022

Tested Date : 14/06/2022 - 23/06/2022

Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,124	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤50

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

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mrs.Wanpen Lhaochindawat is Technical Management.

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

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ (แห่งที่ 4) WWTPT (CT)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)
(จ-003-ค-2183)
28/06/2022

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Test Report

Request No : W6506346

Report No : 6506-2054

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061350

Sample Name : Effluent

Sampling Date : 13/06/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 14/06/2022

Tested Date : 14/06/2022 - 23/06/2022

Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	265	-

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

4. Sampling By Mr. Supharerk Phatklang (๓-๐๐3-๖-๕๖37)

5.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/06/2022

Test Report

Request No : W6412336

Report No : 6412-1534


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/12/2021 - 22/12/2021

Sample No : W 64121369
Sampling Date : 13/12/2021
Sampling Time : 10:50 AM
Received Date : 14/12/2021
Reported Date : 24/12/2021

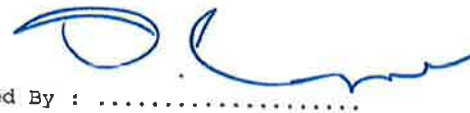
Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0034	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	6.3	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 (1-003-ก-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(1-003-ก-4377)
24/12/2021



Approved By : 
(Mr. Kawee Suthasub)
(1-003-ก-2205)
24/12/2021

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Test Report

Request No : W6412336

Report No : 6412-1534

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/12/2021 - 22/12/2021

Sample No : W 64121369
Sampling Date : 13/12/2021
Sampling Time : 10:50 AM
Received Date : 14/12/2021
Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard ¹
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	965	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	8	≤ 50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.40	≤ 5

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 (ว-003-ก-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)
24/12/2021

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

Test Report

Request No : W6412499

Report No : 6501-0347

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Sample No : W 64121848
Sampling Date : 20/12/2021
Sampling Time : 9:15 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	5.3	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	41	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	920	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	6	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	7	≤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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (๖-๐๐3-๖-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(๖-๐๐3-๖-4377)
05/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(๖-๐๐3-๖-2205)
05/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Request No : W6412499
Report No : 6501-0347
Sample No : W 64121848
Sampling Date : 20/12/2021
Sampling Time : 9:15 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	246	-

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

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

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

05/01/2022

Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 06/01/2022 - 20/01/2022

Request No : W6501037
Report No : 6502-0207
Sample No : W 65010175
Sampling Date : 05/01/2022
Sampling Time : 9:35 AM
Received Date : 06/01/2022
Reported Date : 04/02/2022


Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0027	≤0.25
Barium *	mg/l	Digestion,Inductively Coupled Plasma	0.06	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	5.9	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux,Titrimetric	< 40	≤120
Color(Original) *	ADMI	ADMI Weighted Ordinate Method	32	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Method	28	≤300

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Aocha Khwansirimongkhon (จ-003-จ-8332) *
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/02/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 06/01/2022 - 20/01/2022

Request No : W6501037
Report No : 6502-0207
Sample No : W 65010175
Sampling Date : 05/01/2022
Sampling Time : 9:35 AM
Received Date : 06/01/2022
Reported Date : 04/02/2022


Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Manganese *	mg/l	Digestion,Inductively Coupled Plasma	0.06	≤5
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Aocha Khwansirimongkhon (จ-003-จ-8332) *
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/02/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/02/2022

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Test Report

Request No : W6501037

Report No : 6502-0207

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 06/01/2022 - 20/01/2022

Sample No : W 65010175
Sampling Date : 05/01/2022
Sampling Time : 9:35 AM
Received Date : 06/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard/l
pH (on site) *		Electrometric	7.4	5.5-9.0
Phenol *	mg/l	Distillation,Direct Photometric	< 0.005	≤1
Selenium *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0050	≤0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation,Iodometric	< 0.53	≤1
Temperature *	°C	Laboratory and Field	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	952	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	11	≤50

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], 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. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Aocha Khwansirimongkhon (จ-003-จ-8332) *
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/02/2022

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Test Report

Request No : W6501037

Report No : 6502-0207

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010175

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 05/01/2022

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 06/01/2022

Tested Date : 06/01/2022 - 20/01/2022

Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion, Direct Air-Acetylene Flame Method; Filtration, Colorimetric Method; Calculation	< 0.10	≤ 0.75
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.36	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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. Aocha Khwansirimongkhon (จ-003-จ-8332) *

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6501037

Report No : 6502-0207

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010175

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 05/01/2022

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 06/01/2022

Tested Date : 06/01/2022 - 20/01/2022

Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric	< 0.1	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

3. Sampling By Mr. Aocha Khwansirimongkhon (ว-003-จ-8332)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
04/02/2022

Request No. W6501037

Report No. 6502-0207


TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 06/01/2022 – 20/01/2022
Sample No. : W 65010175
Sampling Date : 05/01/2022
Sampling Time : 9:35 AM
Received Date : 06/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****


Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Aocha Khwansirimongkhon (ว-003-จ-8332) *
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
04/02/2022

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Test Report

Request No : W6501173

Report No : 6501-1251

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010748

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 10/01/2022

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 11/01/2022

Tested Date : 11/01/2022 - 17/01/2022

Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	7.3	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	60	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	996	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	5	≤50

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

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/01/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Request No : W6501173

Report No : 6501-1251

Sample No : W 65010748
Sampling Date : 10/01/2022
Sampling Time : 9:45 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric	263	-

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

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

3. Sampling By Mr. Supharerk Phatklang (๖-๐๐3-๖-5637)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

19/01/2022

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 27/01/2022

Request No : W6501346
Report No : 6501-2109

Sample No : W 65011436
Sampling Date : 17/01/2022
Sampling Time : 11:10 AM
Received Date : 18/01/2022
Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	4.3	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

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

31/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)

31/01/2022

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Test Report

Request No : W6501346

Report No : 6501-2109

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65011436

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 17/01/2022

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 18/01/2022

Tested Date : 18/01/2022 - 27/01/2022

Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard ¹
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,028	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	< 5	≤ 50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.34	≤ 5

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

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. Supharerk Phatklang (จ-003-ก-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

31/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

31/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 25/01/2022 - 31/01/2022

Request No : W6501468
Report No : 6502-0212
Sample No : W 65011767
Sampling Date : 24/01/2022
Sampling Time : 10:30 AM
Received Date : 25/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	2.6	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	48	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,000	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	6	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	< 5	≤50


Physical Apperance : 1. Sample : green, 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 Phiwan (จ-003-ค-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/02/2022

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Test Report

Request No : W6501468

Report No : 6502-0212

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 25/01/2022 - 31/01/2022

Sample No : W 65011767

Sampling Date : 24/01/2022

Sampling Time : 10:30 AM

Received Date : 25/01/2022

Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	242	-

Physical Apperance : 1. Sample : green, 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. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
04/02/2022

Test Report

Request No : W6502202

Report No : 6502-1445

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65020766

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:35 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.7	≤ 20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

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. @ = 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 Phivuan (จ-003-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/02/2022

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Test Report

Request No : W6502202

Report No : 6502-1445

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65020766

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:35 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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 Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,020	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤ 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. @ = 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 Phivuan (จ-003-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/02/2022

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Test Report

Request No : W6502202

Report No : 6502-1445

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65020766

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:35 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.34	≤5

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. @ = 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-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

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

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)

22/02/2022

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Test Report

Request No : W6502342

Report No : 6503-0206

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021349

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 14/02/2022*

Sampling By : ETC*

Sampling Time : 9:10 AM*

Sampling Method : Grab*

Received Date : 15/02/2022

Tested Date : 15/02/2022 - 26/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.7	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	928	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	9	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/03/2022

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Test Report

Request No : W6502342

Report No : 6503- 0206

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 15/02/2022 - 26/02/2022

Sample No : W 65021349

Sampling Date : 14/02/2022

Sampling Time : 9:10 AM

Received Date : 15/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	243	

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

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502484

Report No : 6503-0417

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021731

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.8	≤ 20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502484

Report No : 6503-0417

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021731

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,016	≤ 3000
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 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502484

Report No : 6503-0417

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021731

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard/l
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27	≤5

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6503006

Report No : 6503-0922

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65030022

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 28/02/2022*

Sampling By : ETC*

Sampling Time : 9:47 AM*

Sampling Method : Grab*

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 11/03/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.2	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,032	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

11/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

11/03/2022

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Test Report

Request No : W6503006

Report No : 6503-0922

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 01/03/2022 - 09/03/2022

Sample No : W 65030022

Sampling Date : 28/02/2022

Sampling Time : 9:47 AM

Received Date : 01/03/2022

Reported Date : 11/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	265	-

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/03/2022

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Test Report

Request No : W6503208

Report No : 6503-1677

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65030867

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 07/03/2022*

Sampling By : *ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 08/03/2022

Tested Date : 08/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0022	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (ว-003-ก-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)
23/03/2022

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Test Report

Request No : W6503208

Report No : 6503-1677

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65030867

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 07/03/2022*

Sampling By : ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 08/03/2022

Tested Date : 08/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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 Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	996	≤ 3000
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 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

23/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 19/03/2022

Sample No : W 65030867

Sampling Date : 07/03/2022*

Sampling Time : 8:50 AM*

Received Date : 08/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	≤5

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

23/03/2022

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Test Report

Request No : W6503374

Report No : 6503-2130

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65031508

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 14/03/2022*

Sampling By : ETC*

Sampling Time : 8:50 AM*

Sampling Method : Grab*

Received Date : 15/03/2022

Tested Date : 15/03/2022 - 19/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.7	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
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	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	952	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	6	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

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

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 15/03/2022 - 19/03/2022

Request No : W6503374

Report No : 6503-2130

Sample No : W 65031508

Sampling Date : 14/03/2022

Sampling Time : 8:50 AM

Received Date : 15/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	252	-

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

31/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6503508

Report No : 6504-0100

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65031986

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 11:50 AM*

Sampling Method : Grab*

Received Date : 22/03/2022

Tested Date : 22/03/2022 - 31/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0026	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

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. @ = 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 Phiwan (จ-003-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6503508

Report No : 6504-0100

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65031986

Sample Name : Holding Pond (แห่งที่ 1) *

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 11:50 AM*

Sampling Method : Grab*

Received Date : 22/03/2022

Tested Date : 22/03/2022 - 31/03/2022

Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	960	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤ 50

Physical Appearance : 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. @ = 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 Phiwan (ว-003-ท-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

04/04/2022



Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

04/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 22/03/2022 - 31/03/2022

Request No : W6503508
Report No : 6504-0100
Sample No : W 65031986
Sampling Date : 21/03/2022*
Sampling Time : 11:50 AM*
Received Date : 22/03/2022
Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg / l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤5

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


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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 29/03/2022 - 05/04/2022

Request No : W6503613

Report No : 6504-0380

Sample No : W 65032333

Sampling Date : 28/03/2022*

Sampling Time : 11:45 AM*

Received Date : 29/03/2022

Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.9	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
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	34	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,028	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤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. @ = 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. Parkpoom Buasawad (จ-003-ก-7280)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

07/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

07/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 29/03/2022 - 05/04/2022

Request No : W6503613
Report No : 6504-0380
Sample No : W 65032333
Sampling Date : 28/03/2022
Sampling Time : 11:45 AM
Received Date : 29/03/2022
Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	266	-

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, 23rd Edition, 2017.
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/04/2022

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095
Report No : 6504-1638
Sample No : W 65040463
Sampling Date : 04/04/2022**
Sampling Time : 9:30 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0032	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.7	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux,Titrimetric Method (SM:5220C)	44	≤120

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ก-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมอุตสาหกรรม**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095


Report No : 6504-1638

Sample No : W 65040463
Sampling Date : 04/04/2022**
Sampling Time : 9:30 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	26	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	22	≤300
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric Method	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25


Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

- Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095


Report No : 6504-1638

Sample No : W 65040463
Sampling Date : 04/04/2022**
Sampling Time : 9:30 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 5
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.8	5.5-9.0


Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095

Report No : 6504-1638

Sample No : W 65040463
Sampling Date : 04/04/2022**
Sampling Time : 9:30 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/l
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤ 0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	28	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,016	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤ 50

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางน้ำเสีย

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095


Report No : 6504-1638

Sample No : W 65040463
Sampling Date : 04/04/2022**
Sampling Time : 9:30 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022


Parameter	Unit	Method	Result	Standard/l
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion,Direct AAS Method; Filtration,Colorimetric Method;Calculation (SM:3500 -Cr B, 3111B)	<0.10	≤0.75
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤5

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data,
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 05/04/2022 - 22/04/2022

Request No : W6504095

Report No : 6504- 1638

Sample No : W 65040463
Sampling Date : 04/04/2022
Sampling Time : 9:30 AM
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.2	≤1

Physical Apperance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. 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. Parkpoom Buasawad (ว-003-ค-7280)
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : (Miss Apiradee Chuen-arom)
26/04/2022

Request No. W6504095

Report No. 6504-1638

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 05/04/2022 – 20/04/2022

Sample No. : W 65040463
Sampling Date : 04/04/2022
Sampling Time : 9:30 AM
Received Date : 05/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****


Physical Appearance : 1. Sample : yellow, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
26/04/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 12/04/2022 - 23/04/2022

Sample No : W 65041083

Sampling Date : 11/04/2022**

Sampling Time : 9:10 AM**

Received Date : 12/04/2022

Reported Date : 28/04/2022

Request No : W6504290

Report No : 6504-1943

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.6	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
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	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,050	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤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. @ = ISO/IEC 17025:2017 Accredited by TISIL, # = 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 Phiwan (ว-003-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด...

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

28/04/2022

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Test Report

Request No : W6504290

Report No : 6504-1943

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65041083

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 11/04/2022

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 12/04/2022

Tested Date : 12/04/2022 - 23/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	301	

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, 23rd Edition, 2017.

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

4. Sampling By Mr. Songpon Phiwuan (จ-003-ท-7279)

5.## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/04/2022 - 26/04/2022

Request No : W6504349

Report No : 6504-1991

Sample No : W 65041248
Sampling Date : 18/04/2022**
Sampling Time : 10:05 AM**
Received Date : 19/04/2022
Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0038	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.3	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)
28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

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Test Report

Request No : W6504349

Report No : 6504-1991

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/04/2022 - 26/04/2022

Sample No : W 65041248
Sampling Date : 18/04/2022**
Sampling Time : 10:05 AM**
Received Date : 19/04/2022
Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	992	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤ 50

Physical Apperance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/04/2022 - 26/04/2022

Request No : W 6504349
Report No : 6504-1991
Sample No : W 65041248
Sampling Date : 18/04/2022**
Sampling Time : 10:05 AM**
Received Date : 19/04/2022
Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg / l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤5

Physical Appearance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด...

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 26/04/2022 - 03/05/2022

Request No : W6504507
Report No : 6505-0218
Sample No : W 65041829
Sampling Date : 25/04/2022**
Sampling Time : 11:00 AM**
Received Date : 26/04/2022
Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	936	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤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. @ = 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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 26/04/2022 - 03/05/2022

Request No : W6504507

Report No : 6505-0218

Sample No : W 65041829
Sampling Date : 25/04/2022
Sampling Time : 11:00 AM
Received Date : 26/04/2022
Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	244	-

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, 23rd Edition, 2017.

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

05/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W 6505076

Report No : 6505-1198


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/05/2022 - 13/05/2022

Sample No : W 65050342
Sampling Date : 04/05/2022**
Sampling Time : 10:00 AM**
Received Date : 05/05/2022
Reported Date : 18/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0041	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.4	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25


Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/05/2022

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Test Report

Request No : W6505076

Report No : 6505-1198

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050342

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 18/05/2022

Parameter	Unit	Method	Result	Standard/1
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	8.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	988	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤ 50

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
18/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
18/05/2022

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Test Report

Request No : W6505076

Report No : 6505-1198

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050342

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 18/05/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg / l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharek Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505208

Report No : 6505-1631

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050794

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 09/05/2022**

Sampling By : ETC**

Sampling Time : 11:50 AM**

Sampling Method : Grab**

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.8	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	51	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	965	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤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. @ = 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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียตามกลโรงงานเจ้าภาพ**



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
21/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505208

Report No : 6505-1631

Customer : Amata City Rayong Co., Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 10/05/2022 - 19/05/2022

Sample No : W 65050794

Sampling Date : 09/05/2022

Sampling Time : 11:50 AM

Received Date : 10/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	258	-

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, 23rd Edition, 2017.

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

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
21/05/2022

Test Report

Request No : W6505344

Report No : 6506-0063


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 25/05/2022

Sample No : W 65051386
Sampling Date : 16/05/2022**
Sampling Time : 9:30 AM**
Received Date : 17/05/2022
Reported Date : 02/06/2022


Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0056	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.4	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : green, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
02/06/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
02/06/2022

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Test Report

Request No : W6505344

Report No : 6506-0063

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051386

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 25/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,010	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤ 50

Physical Appearance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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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. Songpon Phiwuan (จ-003-ท-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
02/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
02/06/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 25/05/2022

Sample No : W 65051386

Sampling Date : 16/05/2022**

Sampling Time : 9:30 AM**

Received Date : 17/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	≤5

Physical Apperance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/06/2022

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Test Report

Request No : W6505485

Report No : 6506-0085

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051884

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 23/05/2022**

Sampling By : ETC**

Sampling Time : 11:07 AM**

Sampling Method : Grab**

Received Date : 24/05/2022

Tested Date : 24/05/2022 - 31/05/2022

Reported Date : 04/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.6	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	48	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,052	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤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. @ = 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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/06/2022

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Test Report

Request No : W6505485

Report No : 6506-0085

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051884

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 23/05/2022

Sampling By : ETC

Sampling Time : 11:07 AM

Sampling Method : Grab

Received Date : 24/05/2022

Tested Date : 24/05/2022 - 31/05/2022

Reported Date : 04/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	271	-

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, 23rd Edition, 2017.

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

4. Sampling By Miss Pompinan Viriyakusolkul (ว-003-ท-8334)

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/06/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 15/06/2022

Sample No : W 65060575

Sampling Date : 06/06/2022**

Sampling Time : 9:55 AM**

Received Date : 07/06/2022

Reported Date : 23/06/2022

Request No : W6506144

Report No : 6506-1768

Parameter	Unit	Method	Result	Standard ¹⁾
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0040	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.7	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L

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

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mrs.Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
23/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Approved By :

(Mrs. Wanpen Lhaochindawat)
(จ-003-ก-2183)
23/06/2022

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 15/06/2022

Sample No : W 65060575

Sampling Date : 06/06/2022**

Sampling Time : 9:55 AM**

Received Date : 07/06/2022

Reported Date : 23/06/2022

Request No : W6506144

Report No : 6506-1768

Parameter	Unit	Method	Result	Standard/l
Lead @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,092	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L

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

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mrs.Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ท-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียห้วยกองสี อ.บึงสามพัน จ.พิจิตร

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-4377)

23/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)

(จ-003-ท-2183)

23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 15/06/2022

Sample No : W 65060575

Sampling Date : 06/06/2022**

Sampling Time : 9:55 AM**

Received Date : 07/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.28	≤5

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L

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

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthance Saiphan (จ-003-ค-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
23/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)
(จ-003-ค-2183)
23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 14/06/2022 - 24/06/2022

Sample No : W 65061346

Sampling Date : 13/06/2022**

Sampling Time : 9:30 AM**

Received Date : 14/06/2022

Reported Date : 02/07/2022

Request No : W6506344

Report No : 6506-2239

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.7	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤120
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	33	≤40
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	1,012	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	10	≤50

Physical Appearance : 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. @ = 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. Supharerk Phatklang (จ-003-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-4377)

02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ท-2205)

02/07/2022

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Test Report

Request No : W6506344

Report No : 6506-2239

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/06/2022 - 24/06/2022

Sample No : W 65061346
Sampling Date : 13/06/2022
Sampling Time : 9:30 AM
Received Date : 14/06/2022
Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	260	-

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

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6412339

Report No : 6412-1537

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/12/2021 - 22/12/2021

Sample No : W 64121375
Sampling Date : 13/12/2021
Sampling Time : 11:05 AM
Received Date : 14/12/2021
Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard/l
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0035	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

Physical Appearance : 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 Phiwan (จ-003-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
24/12/2021

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EASTERN THAI CONSULTING 1992 CO., LTD.

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



Test Report

Request No : W6412339

Report No : 6412-1537

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 64121375

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 13/12/2021

Sampling By : ETC

Sampling Time : 11:05 AM

Sampling Method : Grab

Received Date : 14/12/2021

Tested Date : 14/12/2021 - 22/12/2021

Reported Date : 24/12/2021

Parameter	Unit	Method	Result	Standard ¹⁾
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field	29	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,210	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	18	≤50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.86	≤5

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. @ = 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. Songpon Phiwan (จ-003-ค-7279)*

5. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

24/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

24/12/2021

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021


Sample No : W 64121853
Sampling Date : 20/12/2021
Sampling Time : 9:50 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Request No : W6412501
Report No : 6501-0339


Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,300	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	10	≤50

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharcck Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/01/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 21/12/2021 - 28/12/2021

Request No : W6412501
Report No : 6501-0339
Sample No : W 64121853
Sampling Date : 20/12/2021
Sampling Time : 9:50 AM
Received Date : 21/12/2021
Reported Date : 05/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	393	-

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. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
05/01/2022

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Test Report

Request No : W6501149

Report No : 6501-1671

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010651

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 08/01/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 10/01/2022

Tested Date : 10/01/2022 - 22/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0022	≤0.25
Barium *	mg/l	Digestion,Inductively Coupled Plasma	0.08	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	2.5	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux,Titrimetric	< 40	≤120
Color(Original) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Method	< 20	≤300

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Request No : W6501149


Report No : 6501-1671

Sample No : W 65010651
Sampling Date : 08/01/2022
Sampling Time : 10:10 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation,Colorimetric	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Manganese *	mg/l	Digestion,Inductively Coupled Plasma	0.07	≤5
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5


Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

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

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022


Request No : W6501149
Report No : 6501-1671

Sample No : W 65010651
Sampling Date : 08/01/2022
Sampling Time : 10:10 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022


Parameter	Unit	Method	Result	Standard ¹
pH (on site) *		Electrometric	6.8	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric	0.193	≤1
Selenium *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0050	≤0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric	< 0.53	≤1
Temperature *	°C	Laboratory and Field	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,680	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	9	≤50

Physical Appearance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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COPY

Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 - 22/01/2022

Request No : W6501149
Report No : 6501-1671
Sample No : W 65010651
Sampling Date : 08/01/2022
Sampling Time : 10:10 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022


Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion, Direct Air-Acetylene Flame Method; Filtration, Colorimetric Method; Calculation	< 0.10	≤ 0.75
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.73	≤ 5

Physical Appearance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6501149

Report No : 6501-1671

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010651

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 08/01/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 10/01/2022

Tested Date : 10/01/2022 - 22/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric	0.1	≤1

Physical Apperance : 1. Sample : lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L* [7 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

3. Sampling By Mr. Supharerk Phatklang (1-003-จ-5637)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/01/2022

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

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Request No. W6501149

Report No. 6501-1671

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 10/01/2022 – 22/01/2022


Sample No. : W 65010651
Sampling Date : 08/01/2022
Sampling Time : 10:10 AM
Received Date : 10/01/2022
Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****

Physical Apperance : 1. Sample : lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L(8 Bottle), 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. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. ND = Not Detected
4. Sampling By Mr. Supharek Phatklang (จ-003-จ-5637)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทาง

Examined By 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/01/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6501175

Report No : 6501-1256

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65010753

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 10/01/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 11/01/2022

Tested Date : 11/01/2022 - 17/01/2022

Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤ 20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤ 120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,870	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	6	≤ 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. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 11/01/2022 - 17/01/2022

Request No : W6501175
Report No : 6501-1256
Sample No : W 65010753
Sampling Date : 10/01/2022
Sampling Time : 10:10 AM
Received Date : 11/01/2022
Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	389	-

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. Paramter Outside The Scope of The Registration of Department of Industrial Works

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

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 27/01/2022

Request No : W6501349
Report No : 6501-2114
Sample No : W 65011442
Sampling Date : 17/01/2022
Sampling Time : 11:55 AM
Received Date : 18/01/2022
Reported Date : 31/01/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	0.0022	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/01/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/01/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/01/2022 - 27/01/2022

Request No : W6501349
Report No : 6501-2114
Sample No : W 65011442
Sampling Date : 17/01/2022
Sampling Time : 11:55 AM
Received Date : 18/01/2022
Reported Date : 31/01/2022

Parameter	Unit	Method	Result	Standard ¹
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,644	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	19	≤ 50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.48	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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. Supharerk Phatklang (จ-003-จ-5637)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6501472

Report No : 6502-0202

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 25/01/2022 - 31/01/2022

Sample No : W 65011774
Sampling Date : 24/01/2022
Sampling Time : 10:45 AM
Received Date : 25/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,570	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	6	≤50

Physical Appearance : 1. Sample : greenish, 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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 Phiwan (จ-003-ก-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
04/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
04/02/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 25/01/2022 - 31/01/2022

Request No : W6501472
Report No : 6502- 0202
Sample No : W 65011774
Sampling Date : 24/01/2022
Sampling Time : 10:45 AM
Received Date : 25/01/2022
Reported Date : 04/02/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric	267	-

Physical Apperance : 1. Sample : greenish, 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. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



Examined By : 

(Miss Apiradee Chuen-arom)
04/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502205

Report No : 6502-1450

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65020773

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 07/02/2022*

Sampling By : ETC*

Sampling Time : 9:58 AM*

Sampling Method : Grab*

Received Date : 08/02/2022

Tested Date : 08/02/2022 - 19/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.0	≤ 20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ค-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502205

Report No : 6502-1450

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 08/02/2022 - 19/02/2022

Sample No : W 65020773
Sampling Date : 07/02/2022*
Sampling Time : 9:58 AM*
Received Date : 08/02/2022
Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,628	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤ 50

Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], 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. @ = 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-ค-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
22/02/2022

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Test Report

Request No : W6502205

Report No : 6502-1450

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 08/02/2022 - 19/02/2022

Sample No : W 65020773
Sampling Date : 07/02/2022*
Sampling Time : 9:58 AM*
Received Date : 08/02/2022
Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.44	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
22/02/2022

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Test Report

Request No : W6502344

Report No : 6503-0202

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021354

Sample Name : Holding Pond (แหล่งที่ 2)*

Sampling Date : 14/02/2022*

Sampling By : ETC*

Sampling Time : 9:50 AM*

Sampling Method : Grab*

Received Date : 15/02/2022

Tested Date : 15/02/2022 - 26/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard ¹
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,432	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤ 50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

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

02/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)

02/03/2022

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Test Report

Request No : W6502344

Report No : 6503-0202

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 15/02/2022 - 26/02/2022

Sample No : W 65021354

Sampling Date : 14/02/2022

Sampling Time : 9:50 AM

Received Date : 15/02/2022

Reported Date : 02/03/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	292	-

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]

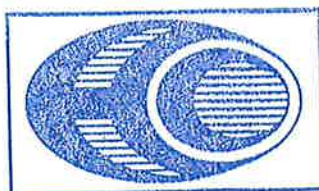
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

02/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0422

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021738

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:25 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

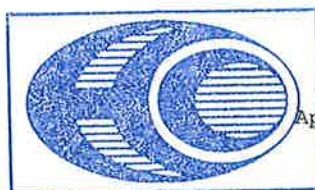
5. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0422

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021738

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:25 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,704	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤ 50

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6502488

Report No : 6503-0422

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65021738

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:25 AM*

Sampling Method : Grab*

Received Date : 22/02/2022

Tested Date : 22/02/2022 - 02/03/2022

Reported Date : 05/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.43	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

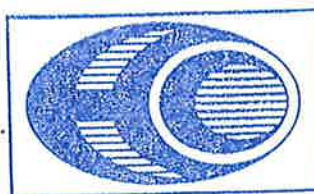
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/03/2022

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Test Report

Request No : W6503008

Report No : 6503-1041

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65030027

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 28/02/2022*

Sampling By : ETC*

Sampling Time : 10:15 AM*

Sampling Method : Grab*

Received Date : 01/03/2022

Tested Date : 01/03/2022 - 09/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard ^{1/}
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,444	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	19	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Pompinan Viriyakusolkul (จ-003-จ-8334)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

15/03/2022

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Test Report

Request No : W6503008

Report No : 6503-1041

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 01/03/2022 - 09/03/2022

Sample No : W 65030027

Sampling Date : 28/02/2022

Sampling Time : 10:15 AM

Received Date : 01/03/2022

Reported Date : 15/03/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	323	-

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 22/03/2022

Sample No : W 65030875

Sampling Date : 07/03/2022*

Sampling Time : 9:20 AM*

Received Date : 08/03/2022

Reported Date : 28/03/2022

Request No : W6503212

Report No : 6503-1925

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 22/03/2022

Sample No : W 65030875

Sampling Date : 07/03/2022*

Sampling Time : 9:20 AM*

Received Date : 08/03/2022

Reported Date : 28/03/2022

Request No : W6503212

Report No : 6503-1925

Parameter	Unit	Method	Result	Standard ^{1/}
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,288	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 08/03/2022 - 22/03/2022

Sample No : W 65030875

Sampling Date : 07/03/2022*

Sampling Time : 9:20 AM*

Received Date : 08/03/2022

Reported Date : 28/03/2022

Request No : W6503212

Report No : 6503-1925

Parameter	Unit	Method	Result	Standard/l
Zinc *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/03/2022

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Test Report

Request No : W6503376

Report No : 6503-2135

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65031513

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling Date : 14/03/2022*

Sampling By : ETC*

Sampling Time : 9:20 AM*

Sampling Method : Grab*

Received Date : 15/03/2022

Tested Date : 15/03/2022 - 25/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
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
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,328	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-4377)

31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ท-2205)

31/03/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 15/03/2022 - 25/03/2022

Request No : W6503376
Report No : 6503-2135

Sample No : W 65031513
Sampling Date : 14/03/2022
Sampling Time : 9:20 AM
Received Date : 15/03/2022
Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	320	

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 
(Miss Apiradee Chuen-arom)
31/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 22/03/2022 - 31/03/2022

Request No : W6503511
Report No : 6504-0105
Sample No : W 65031992
Sampling Date : 21/03/2022*
Sampling Time : 11:35 AM*
Received Date : 22/03/2022
Reported Date : 04/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0040	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.2	≤20
Cadmium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ท-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
04/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 22/03/2022 - 31/03/2022

Sample No : W 65031992

Sampling Date : 21/03/2022*

Sampling Time : 11:35 AM*

Received Date : 22/03/2022

Reported Date : 04/04/2022

Request No : W6503511

Report No : 6504-0105

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,364	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ก-7279)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
04/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
04/04/2022

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Test Report


Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)*
Sampling By : ETC*
Sampling Method : Grab*
Tested Date : 22/03/2022 - 31/03/2022

Request No : W6503511
Report No : 6504-0105
Sample No : W 65031992
Sampling Date : 21/03/2022*
Sampling Time : 11:35 AM*
Received Date : 22/03/2022
Reported Date : 04/04/2022


Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (ว-003-ค-7279)*
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
04/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
04/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)*

Sampling By : ETC*

Sampling Method : Grab*

Tested Date : 29/03/2022 - 05/04/2022

Sample No : W 65032338

Sampling Date : 28/03/2022*

Sampling Time : 11:30 AM*

Received Date : 29/03/2022

Reported Date : 07/04/2022

Request No : W6503615

Report No : 6504-0383

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤20
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
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	33	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,352	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	10	≤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. @ = 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. Parkpoom Buasawad (จ-003-ค-7280)*

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
07/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
07/04/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 29/03/2022 - 05/04/2022

Request No : W6503615
Report No : 6504-0383

Sample No : W 65032338
Sampling Date : 28/03/2022
Sampling Time : 11:30 AM
Received Date : 29/03/2022
Reported Date : 07/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	326	

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, 23rd Edition, 2017.

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

4. Sampling By Mr. Parkpoom Buasawad (๖-003-ค-๖28๐)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/04/2022 - 20/04/2022

Request No : W6504098

Report No : 6504-1620

Sample No : W 65040470

Sampling Date : 04/04/2022**

Sampling Time : 10:20 AM**

Received Date : 05/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.9	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	≤120

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางน้ำเสีย

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/04/2022



Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6504098

Report No : 6504-1620

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65040470

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/04/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/l	Distillation, Colorimetric Method	< 0.50	≤1
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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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 (ว-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคม

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

26/04/2022

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Test Report

Request No : W6504098

Report No : 6504-1620

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65040470

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/04/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Lead [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Manganese [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 5
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) [*]		Electrometric Method	7.1	5.5-9.0

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Parkpoom Buasawad (ว-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

26/04/2022

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Test Report

Request No : W6504098

Report No : 6504-1620

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65040470

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/04/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 05/04/2022

Tested Date : 05/04/2022 - 20/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/1
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤ 0.02
Sulfide *	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,316	≤ 3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤ 100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], 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. @ = 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. Parkpoom Buasawad (ว-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางบ้าน

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

26/04/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2022 - 20/04/2022


Sample No : W 65040470
Sampling Date : 04/04/2022**
Sampling Time : 10:20 AM**
Received Date : 05/04/2022
Reported Date : 26/04/2022

Request No : W6504098
Report No : 6504-1620


Parameter	Unit	Method	Result	Standard/ ¹
Trivalent Chromium *	mg/l as Cr ³⁺	Digestion, Direct AAS Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3111B)	< 0.10	≤ 0.75
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	≤ 5

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling
2. Container : Normal [PE 0.5 L [6 Bottle], 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. @ = 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. Parkpoom Buasawad (จ-003-ก-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางเทศบาลเมือง

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
26/04/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
26/04/2022

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Test Report

Request No : W6504098

Report No : 6504-1620

Customer : Amata City Rayong Co., Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 05/04/2022 - 20/04/2022

Sample No : W 65040470

Sampling Date : 04/04/2022

Sampling Time : 10:20 AM

Received Date : 05/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard/l
Chlorine (Residual)	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.2	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS, nonsmelling

2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /l 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. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad (J-003-ค-7280)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
26/04/2022

Request No. W6504098

Report No. 6504-1620

TEST REPORT

Customer : Amata City Rayong Co.,Ltd. ✓
 Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
 Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
 Sample Name : Holding Pond (แห่งที่ 2)
 Sampling By : ETC
 Sampling Method : Grab
 Tested Date : 05/04/2022 – 20/04/2022

Sample No. : W 65040470
 Sampling Date : 04/04/2022
 Sampling Time : 10:20 AM
 Received Date : 05/04/2022
 Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	ND	****

Physical Appearance : 1. Sample : yellowish, lightly SS, nonsmelling
 2. Container : Normal [PE 0.5 L [6 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
 2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
 3. ND = Not Detected
 4. Sampling By Mr. Parkpoom Buasawad (๖-003-๓-๗๒๘๐)
 5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ

Examined By

(Miss Apiradee Chuen-arom)

(๖-003-๓-๔๓๗๗)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(๖-003-๓-๒๒๐๕)

26/04/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 12/04/2022 - 23/04/2022

Request No : W6504292

Report No : 6504-1939

Sample No : W 65041088

Sampling Date : 11/04/2022**

Sampling Time : 9:35 AM**

Received Date : 12/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.8	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,376	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6504292

Report No : 6504- 1939

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65041088

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 11/04/2022

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 12/04/2022

Tested Date : 12/04/2022 - 23/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	310	-

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :



(Miss Apiradee Chuen-arom)

28/04/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 19/04/2022 - 26/04/2022

Sample No : W 65041254

Sampling Date : 18/04/2022**

Sampling Time : 10:35 AM**

Received Date : 19/04/2022

Reported Date : 28/04/2022

Request No : W6504352

Report No : 6504-1989

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0033	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.0	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6504352

Report No : 6504-1989

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65041254

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 18/04/2022**

Sampling By : ETC**

Sampling Time : 10:35 AM**

Sampling Method : Grab**

Received Date : 19/04/2022

Tested Date : 19/04/2022 - 26/04/2022

Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,064	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤ 50

Physical Appearance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ*

Examined By :

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

28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)

28/04/2022

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

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/04/2022 - 26/04/2022

Request No : W6504352
Report No : 6504-1989

Sample No : W 65041254
Sampling Date : 18/04/2022**
Sampling Time : 10:35 AM**
Received Date : 19/04/2022
Reported Date : 28/04/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26	≤5

Physical Apperance : 1. Sample : green, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 26/04/2022 - 03/05/2022

Request No : W6504509

Report No : 6505-0216

Sample No : W 65041834

Sampling Date : 25/04/2022**

Sampling Time : 11:20 AM**

Received Date : 26/04/2022

Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.3	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,328	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤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. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

05/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

05/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6504509

Report No : 6505-0216

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 26/04/2022 - 03/05/2022

Sample No : W 65041834
Sampling Date : 25/04/2022
Sampling Time : 11:20 AM
Received Date : 26/04/2022
Reported Date : 05/05/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	311	

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, 23rd Edition, 2017.


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

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
05/05/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/05/2022 - 13/05/2022

Request No : W6505080

Report No : 6505-1203

Sample No : W 65050350

Sampling Date : 04/05/2022**

Sampling Time : 10:35 AM**

Received Date : 05/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.2	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1203

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050350

Sample Name : Holding Pond (แฟ่งที่ 2)**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:35 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,140	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤ 50

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/05/2022

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Test Report

Request No : W6505080

Report No : 6505-1203

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050350

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/05/2022**

Sampling By : ETC**

Sampling Time : 10:35 AM**

Sampling Method : Grab**

Received Date : 05/05/2022

Tested Date : 05/05/2022 - 13/05/2022

Reported Date : 19/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. @ = 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวงหมายเลข 303

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505211

Report No : 6505-1636

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050800

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 09/05/2022**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.2	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,144	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	14	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ค-7279)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

21/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

21/05/2022

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Test Report

Request No : W6505211

Report No : 6505-1636

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65050800

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 09/05/2022

Sampling By : ETC

Sampling Time : 11:05 AM

Sampling Method : Grab

Received Date : 10/05/2022

Tested Date : 10/05/2022 - 19/05/2022

Reported Date : 21/05/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	278	-

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

4. Sampling By Mr. Songpon Phiwan (1-003-ค-7279)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

21/05/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 25/05/2022

Request No : W6505347

Report No : 6505-2176

Sample No : W 65051392

Sampling Date : 16/05/2022**

Sampling Time : 10:35 AM**

Received Date : 17/05/2022

Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0038	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.4	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลฯ เพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

31/05/2022



Test Report

Request No : W6505347

Report No : 6505-2176

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051392

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 10:35 AM**

Sampling Method : Grab**

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 25/05/2022

Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard/ ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
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	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,244	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	13	≤50

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505347

Report No : 6505-2176

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051392

Sample Name : Holding Pond (แหล่งที่ 2)**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 10:35 AM**

Sampling Method : Grab**

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 25/05/2022

Reported Date : 31/05/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.25	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Phiwan (จ-003-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
31/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 24/05/2022 - 30/05/2022

Sample No : W 65051889

Sampling Date : 23/05/2022**

Sampling Time : 10:55 AM**

Received Date : 24/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.1	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,164	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	15	≤50

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Pompinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางบางน้ำโจน**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/06/2022

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Test Report

Request No : W6505487

Report No : 6506-0061

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65051889

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 23/05/2022

Sampling By : ETC

Sampling Time : 10:55 AM

Sampling Method : Grab

Received Date : 24/05/2022

Tested Date : 24/05/2022 - 30/05/2022

Reported Date : 02/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	272	-

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506147

Report No : 6506-1322

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65060582

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 06/06/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 07/06/2022

Tested Date : 07/06/2022 - 15/06/2022

Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0030	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ก-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวงหมายเลข 303

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 07/06/2022 - 15/06/2022

Sample No : W 65060582

Sampling Date : 06/06/2022**

Sampling Time : 9:25 AM**

Received Date : 07/06/2022

Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,404	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ค-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/06/2022

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Test Report

Request No : W6506147

Report No : 6506-1322

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65060582

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 06/06/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 07/06/2022

Tested Date : 07/06/2022 - 15/06/2022

Reported Date : 18/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

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

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 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 Miss Janthanee Saiphan (จ-003-ค-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/06/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/06/2022

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Test Report

Request No : W6506346

Report No : 6506-2055

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65061351

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 13/06/2022**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 14/06/2022

Tested Date : 14/06/2022 - 24/06/2022

Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.4	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,276	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤50

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

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mrs.Wanpen Lhaochindawat is Technical Management.

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Mrs. Wanpen Lhaochindawat)
(จ-003-ค-2183)
28/06/2022

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Test Report

Request No : W6506346

Report No : 6506-2055

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/06/2022 - 24/06/2022

Sample No : W 65061351
Sampling Date : 13/06/2022
Sampling Time : 10:05 AM
Received Date : 14/06/2022
Reported Date : 28/06/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	331	

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. /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. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
28/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample Name : Effluent

Sampling By : ETC

Sampling Method : Composit

Tested Date : 16/12/2021

Request No : W6412338

Report No : 6412-1097

Sample No : W 64121372

Sampling Date : 13/12/2021

Sampling Time : 11:35 AM - 12:35 PM

Received Date : 14/12/2021

Reported Date : 20/12/2021

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	42	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by DSS, 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 Phiwan (ว-003-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krofta Plant)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

20/12/2021



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

20/12/2021

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6501348

Report No : 6501-1625

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65011439

Sample Name : Effluent

Sampling Date : 17/01/2022

Sampling By : ETC

Sampling Time : 10:45 AM - 11:30 AM

Sampling Method : Composit

Received Date : 18/01/2022

Tested Date : 22/01/2022

Reported Date : 24/01/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	5	≤50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by DSS, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krofia Plant)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

24/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

24/01/2022

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Test Report

Request No : W6502486

Report No : 6502-1617

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65021734

Sample Name : Effluent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 8:30 AM - 9:15 AM*

Sampling Method : Composit*

Received Date : 22/02/2022

Tested Date : 23/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	5	≤50

Physical Apperance : 1. Sample :lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krofta Plant)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/02/2022

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Test Report

Request No : W6503510

Report No : 6503-2127

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65031989

Sample Name : Effluent*

Sampling Date : 21/03/2022*

Sampling By : ETC*

Sampling Time : 12:05 PM - 12:50 PM*

Sampling Method : Composit*

Received Date : 22/03/2022

Tested Date : 24/03/2022

Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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-ค-7279)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krofta Plant) *

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

31/03/2022

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Test Report

Request No : W6504351

Report No : 6504-1640

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65041251

Sample Name : Effluent**

Sampling Date : 18/04/2022**

Sampling By : ETC**

Sampling Time : 11:40 AM - 12:25 PM**

Sampling Method : Composit**

Received Date : 19/04/2022

Tested Date : 20/04/2022

Reported Date : 25/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Wastewater Plant) 2

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
25/04/2022

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Test Report

Request No : W6505346

Report No : 6505-1994

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65051389

Sample Name : Effluent**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 8:35 AM - 9:20 AM**

Sampling Method : Composit**

Received Date : 17/05/2022

Tested Date : 21/05/2022

Reported Date : 27/05/2022

Parameter	Unit	Method	Result	Standard/1
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Kroha Plant) **

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

27/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report


Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent
Sampling By : ETC
Sampling Method : Composit
Tested Date : 16/12/2021

Request No : W6412340
Report No : 6412-1098
Sample No : W 64121376
Sampling Date : 13/12/2021
Sampling Time : 11:00 AM - 12:00 PM
Received Date : 14/12/2021
Reported Date : 20/12/2021


Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	11	≤50

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. # = ISO/IEC 17025:2017 Accredited by DSS, 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/12/2021



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
20/12/2021

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Test Report

Request No : W6501350

Report No : 6501-1626

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65011443

Sample Name : Effluent

Sampling Date : 17/01/2022

Sampling By : ETC

Sampling Time : 11:50 AM - 12:35 PM

Sampling Method : Composit

Received Date : 18/01/2022

Tested Date : 22/01/2022

Reported Date : 24/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	< 5	≤50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by DSS, 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. Supharerk Phatklang (จ-003-จ-5637)*

5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

24/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

24/01/2022

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ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230

Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6502489

Report No : 6502-1618

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65021739

Sample Name : Effluent*

Sampling Date : 21/02/2022*

Sampling By : ETC*

Sampling Time : 9:40 AM - 10:25 AM*

Sampling Method : Composit*

Received Date : 22/02/2022

Tested Date : 23/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	5	≤50

Physical Apperance : 1. Sample :lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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. Supharerk Phatklang (จ-003-จ-5637)*

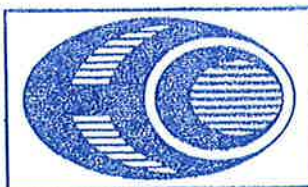
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT) *

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

28/02/2022

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Test Report


Customer : Amata City Rayong Co.,Ltd.*
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent*
Sampling By : ETC*
Sampling Method : Composit*
Tested Date : 24/03/2022

Request No : W6503512
Report No : 6503-2128
Sample No : W 65031993
Sampling Date : 21/03/2022*
Sampling Time : 11:30 AM - 12:15 PM*
Received Date : 22/03/2022
Reported Date : 31/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	10	≤50


Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. # = ISO/IEC 17025:2017 Accredited by 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)*

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
31/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
31/03/2022

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Test Report

Request No : W6504353

Report No : 6504-1639

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65041255

Sample Name : Effluent**

Sampling Date : 18/04/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM - 11:15 AM**

Sampling Method : Composit**

Received Date : 19/04/2022

Tested Date : 20/04/2022

Reported Date : 25/04/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWPRCT) **

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
25/04/2022

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Test Report

Request No : W6505348

Report No : 6505-1995

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65051393

Sample Name : Effluent**

Sampling Date : 16/05/2022**

Sampling By : ETC**

Sampling Time : 10:30 AM - 11:15 AM**

Sampling Method : Composit**

Received Date : 17/05/2022

Tested Date : 21/05/2022

Reported Date : 27/05/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ก-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWP-ET-1)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

27/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

27/05/2022

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Test Report

Request No : W6502184

Report No : 6503-0349

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020719

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)* Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 8:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	19.6	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	54,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	210	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen*	mg/l	Membrane Electrode Method (SM:4500 -O G)	5.0	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	7,900	≤4000
Manganese *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.51	≤1

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Test Report

Request No : W6502184

Report No : 6503-0349

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020719

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)* Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 8:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.01	≤5
pH (on site) *		Electrometric Method	7.2	5.0-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.16	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	13.8	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	20.0	-
Temperature *	°C	Laboratory and Field Method	25	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	155	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	52	-

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503-0349

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020719

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 8:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	68.9	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./ร** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Request No. W6502184

Report No. 6503-0349

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 07/02/2022 – 26/02/2022

Sample No. : W 65020719
Sampling Date : 05/02/2022
Sampling Time : 8:30 AM
Received Date : 07/02/2022
Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503 -0349

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No : W 65020719

Sample Name : บริเวณบ้านหนองตอง เนื้อฝ้ายก้นน้ำในนิคมฯ (W1) Sampling Date : 05/02/2022

Sampling By : ETC

Sampling Time : 8:30 AM

Sampling Method : Grab

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.28	≤0.5

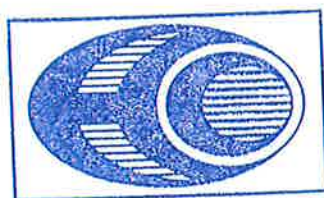
Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]


Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad (๖-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/03/2022

Test Report

Request No : W6502184

Report No : 6503- 0350

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020720

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	23.0	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	247	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen*	mg/l	Membrane Electrode Method (SM:4500 -O G)	4.4	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	11,000	≤4000
Manganese *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.70	≤1

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Examined By :

(Mr. Kawee Suthasub)

04/03/2022

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Test Report

Request No : W6502184

Report No : 6503- 0350

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020720

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.02	≤5
pH (on site) *		Electrometric Method	7.0	5.0-9.0
Phenol *	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.17	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	23.6	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	29.7	-
Temperature *	°C	Laboratory and Field Method	27	ก**
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	168	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	46	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./ก** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503- 0350

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020720

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	60.4	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./*** = คุณหมื่นของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Request No. W6502184

Report No. 6503-0350

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 07/02/2022 – 26/02/2022
Sample No. : W 65020720
Sampling Date : 05/02/2022
Sampling Time : 9:00 AM
Received Date : 07/02/2022
Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By.....



(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6502184

Report No : 6503 - 0350

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท

Sample No : W 65020720

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling Date : 05/02/2022

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.30	≤0.5

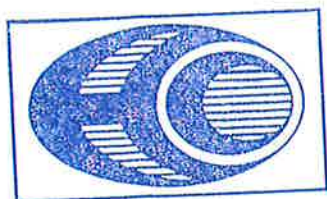
Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/03/2022

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

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Test Report

Request No : W6502184

Report No : 6503-0351

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020721

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:15 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	86.4	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	160,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	686	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.002	≤0.005
Dissolved Oxygen*	mg/l	Membrane Electrode Method (SM:4500 -O G)	4.6	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	7,000	≤4000
Manganese *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.78	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503-0351

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020721

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:15 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	3.74	≤5
pH (on site) *		Electrometric Method	7.3	5.0-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.59	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	73.1	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	108	-
Temperature *	°C	Laboratory and Field Method	26	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	384	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	38	-

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

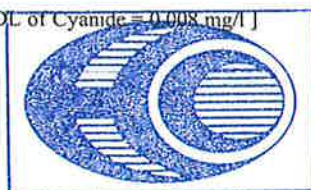
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Test Report

Request No : W6502184

Report No : 6503-0351

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020721

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:15 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	37.0	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

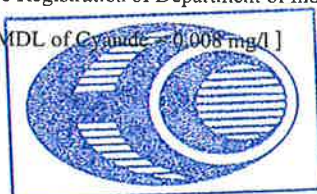
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Mr. Kawee Suthasub is Technical Management./ร** = คุณหมื่นของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Request No. W6502184

Report No. 6503-0351

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ห้วยภูไท

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 07/02/2022 – 26/02/2022

Sample No. : W 65020721

Sampling Date : 05/02/2022

Sampling Time : 9:15 AM

Received Date : 07/02/2022

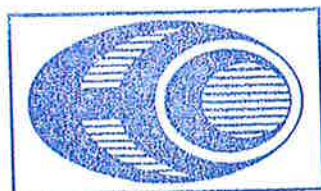
Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

- Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
 2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
 3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
 4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503-0351

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No : W 65020721

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling Date : 05/02/2022

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.36	≤0.5

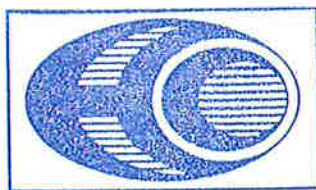
Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]


Remark : 1. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad (๖-003-๓-7280)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6502184

Report No : 6503-0352

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020722

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.5	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	53.1	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	35,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	451	-
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen*	mg/l	Membrane Electrode Method (SM:4500 -O G)	4.8	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	4,900	≤4000
Manganese *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.62	≤1

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Test Report

Request No : W6502184

Report No : 6503-0352

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยไทร*

Sample No : W 65020722

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	3.32	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol *	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.32	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	44.9	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	68.8	-
Temperature *	°C	Laboratory and Field Method	27	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	290	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	43	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # = ISO/IEC 17025:2017 Accredited by DSS, 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 Mr. Parkpoom Buasawad (ว-003-ก-7280)*

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Test Report

Request No : W6502184

Report No : 6503-0352

Customer : Amata City Rayong Co.,Ltd.*

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230*

Sampling Source : ห้วยภูไท*

Sample No : W 65020722

Sample Name : บริเวณบ้านวังตาลมอนใต้ฝายกั้นน้ำในนิคมฯ (W4)*

Sampling Date : 05/02/2022*

Sampling By : ETC*

Sampling Time : 9:30 AM*

Sampling Method : Grab*

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard/l
Turbidity *	NTU	Nephelometric Method (SM:2130B)	49.0	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

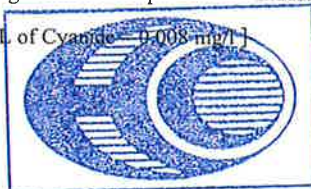
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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)*

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l]



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/03/2022

Request No. W6502184

Report No. 6503-0352

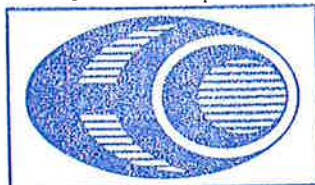
TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 07/02/2022 – 26/02/2022
Sample No. : W 65020722
Sampling Date : 05/02/2022
Sampling Time : 9:30 AM
Received Date : 07/02/2022
Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By.....



(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6502184

Report No : 6503-0352

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No : W 65020722

Sample Name : บริเวณบ้านวังตาลมอนใต้ฝายกั้นน้ำในนิคมฯ (W4)

Sampling Date : 05/02/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 07/02/2022

Tested Date : 07/02/2022 - 26/02/2022

Reported Date : 04/03/2022

Parameter	Unit	Method	Result	Standard/l
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.24	≤0.5

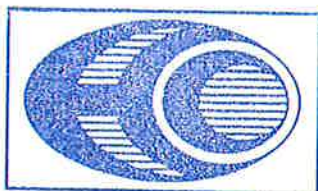
Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6505343, W 6507068
Report No : 6506-0326-1, 6507-1362

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านหนองตอง เนื้อผายก้นน้ำในนิคมฯ (W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 01/06/2022
Sample No : W 65051381, W 65070283
Sampling Date : 16/05/2022, 02/07/2022**
Sampling Time : 11:10 AM, 8:45 AM**
Received Date : 17/05/2022, 04/07/2022
Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	<2.0	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	20.9	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	35,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	232	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	6.1	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	1,700	≤4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.64	≤1

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070283 : Sampling Date 02/07/2022 (8:45 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

7. MDL = Method Detection Limit [MDL of 0.009 mg/l / ** = These data are non laboratory data

SUPPLEMENTARY TEST REPORT No. 6506-0326



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
19/07/2022

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

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Test Report

Request No : W6505343, W 6507068

Report No : 6506-0326-1, 6507-1362

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยไทร**

Sample No : W 65051381, W 65070283

Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)** Sampling Date : 16/05/2022, 02/07/2022**

Sampling By : ETC**

Sampling Time : 11:10 AM, 8:45 AM**

Sampling Method : Grab**

Received Date : 17/05/2022, 04/07/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	3.34	≤5
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol */2	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	0.009	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.23	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	17.3	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ 2- E)	30.3	-
Temperature *	°C	Laboratory and Field Method	29	ก***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	90	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	97	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070283 : Sampling Date 02/07/2022 (8:45 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ก** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited,Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*

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

7. MDL = Method Detection Limit [MDL = 0.003 mg/l] / ** = These data are non laboratory data.

SUPPLEMENT

0031 NO. 6506-0326

Examined By :

(Mr. Kawee Suthasub)

19/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Test Report

Request No : W6505343, W 6507068

Report No : 6506-0326-1, 6507-1362

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยภูไท**

Sample No : W 65051381, W 65070283

Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)** Sampling Date : 16/05/2022, 02/07/2022**

Sampling By : ETC**

Sampling Time : 11:10 AM, 8:45 AM**

Sampling Method : Grab**

Received Date : 17/05/2022, 04/07/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	150	

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070283 : Sampling Date 02/07/2022 (8:45 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ท** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

7. MDL = Method Detection Limit [MDL of Chemicals (mg/l)] / ** = These data are non laboratory data.

SUPPLEMENT TEST REPORT NO. 6506-0326

Examined By :

(Mr. Kawee Suthasub)

19/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505343

Report No : 6506-0326

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No : W 65051381

Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1) Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.30	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

08/06/2022

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

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Request No. W6505343

Report No. 6506-0326

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No. : W 65051381

Sample Name : บริเวณบ้านหนองตอง เนื้อผ่ายก้นน้ำในนิคมฯ (W1)

Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 – 01/06/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. Sampling By Mr. Songpon Phiwan (C-003-๓-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

08/06/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 01/06/2022

Request No : W6505343, W 6507068
Report No : 6506-0327-1, 6507-1363
Sample No : W 65051382, W 65070284
Sampling Date : 16/05/2022, 02/07/2022**
Sampling Time : 11:20 AM, 8:55 AM**
Received Date : 17/05/2022, 04/07/2022
Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	<2.0	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	21.3	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	7,900	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	228	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	6.2	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	1,300	≤4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.65	≤1

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070284 : Sampling Date 02/07/2022 (8:55 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ท** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Parameter Outside The Scope of The Registration for Payment of Industrial Works

7. MDL = Method Detection Limit [MDL of sample = 0.063 mg/l] ** = These data are non laboratory data

SUPPLEMENTARY TEST REPORT NO. 6506-0327



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
19/07/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยภูไท**

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051382, W 65070284

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 11:20 AM, 8:55 AM**

Received Date : 17/05/2022, 04/07/2022

Reported Date : 19/07/2022

Request No : W6505343, W 6507068

Report No : 6506-0327-1, 6506-1363

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ -	N Cadmium Reduction Method (SM:4500 -NO3 -B)	3.44	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol */2	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	<0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.23	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	17.9	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO42- E)	32.6	-
Temperature *	°C	Laboratory and Field Method	29	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	140	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	106	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070284 : Sampling Date 02/07/2022 (8:55 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน j องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited,Sampling By Mr. Songpon Phiwuan (จ-ppj -ค-qrqs)*

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

7. MDL = Method Detection Limit [MDL of Cadmium = 0.03 mg/l] / ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6506-0327

Examined By :

(Mr. Kawee Suthasub)
19/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 17/05/2022 - 01/06/2022

Request No : W6505343, W 6507068
Report No : 6506-0327-1, 6507-1363
Sample No : W 65051382, W 65070284
Sampling Date : 16/05/2022, 02/07/2022**
Sampling Time : 11:20 AM, 8:55 AM**
Received Date : 17/05/2022
Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	134	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070284 : Sampling Date 02/07/2022 (8:55 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ท** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited,Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.02mg/l] / ** = These data are non laboratory data.

SUPPLEMENT



TEST REPORT NO. 6506-0327

Examined By :

(Mr. Kawee Suthasub)
19/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505343

Report No : 6506-0327

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยไทร

Sample No : W 65051382

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 11:20 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.42	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

08/06/2022

COPY

Request No. W6505343

Report No. 6506-0327

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo,3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ห้วยภูไท

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 17/05/2022 – 01/06/2022

Sample No. : W 65051382

Sampling Date : 16/05/2022

Sampling Time : 11:20 AM

Received Date : 17/05/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard ¹⁾
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. Sampling By Mr. Songpon Phiwan (C-003-๓-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

08/06/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยไทร**

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051383, W 65070285

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 9:45 AM, 9:05 AM**

Received Date : 17/05/2022, 04/07/2022

Reported Date : 19/07/2022

Request No : W6505343, W 6507068

Report No : 6506-0328-1, 6507-1364

Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane	5.3	≤2
		Electrode Method (SM:5210B)		
Chloride *	mg/l as Cl ₂	Argentometric Method	38.6	-
		(SM:4500-Cl- B)		
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	11,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	337	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method	0.002	≤0.005
		(SM:4500 CN- C, E)		
Dissolved Oxygen *	mg/l	Azide Modification Method	7.0	≥4
		(SM:4500 -O C)		
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	4,900	≤4000
Manganese @	mg/l	Digestion, Inductively Coupled	0.66	≤1
		Plasma Method (SM:3030F, 3120B)		

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070285 : Sampling Date 02/07/2022 (9:05 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*

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

7. MDL = Method Detection Limit [MDL of Manganese = 0.08 mg/l] / ** = These data are non laboratory data.

SUPPLEMENTARY REPORT NO. 6506-0328



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

19/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6505343, W 6507068

Report No : 6506-0328-1, 6507-1364

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยไทร**

Sample No : W 65051383, W 65070285

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling Date : 16/05/2022, 02/07/2022**

Sampling By : ETC**

Sampling Time : 9:45 AM, 9:05 AM**

Sampling Method : Grab**

Received Date : 17/05/2022, 04/07/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	5.41	≤5
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Phenol */2	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.026	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.25	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	32.2	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	50.8	-
Temperature *	°C	Laboratory and Field Method	30	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	230	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	94	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994), Class 3

2./2 Sample No. W65070285 : Sampling Date 02/07/2022 (9:05 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./** = คุณภูมิขของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*

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

SUPPLEMENT TO TEST REPORT NO. 6506-0328



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

19/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยภูไท**

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051383, W 65070285

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 9:45 AM, 9:05 AM**

Received Date : 17/05/2022, 04/07/2022

Reported Date : 19/07/2022

Request No : W6505343, W 6507068

Report No : 6506-0328-1, 6507-1364

Parameter	Unit	Method	Result	Standard/ ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	121	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070285 : Sampling Date 02/07/2022 (9:05 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

7. MDL = Method Detection Limit [MDL of Chemical = 65098 mg/L / ** = These data are non laboratory data

SUPPLEMENT TO TEST REPORT TEST NO. 6506-0328



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

19/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยไทร

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 17/05/2022 - 01/06/2022

Request No : W6505343

Report No : 6506-0328

Sample No : W 65051383

Sampling Date : 16/05/2022

Sampling Time : 9:45 AM

Received Date : 17/05/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.28	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Songpon Phiwan (๖-003-๓-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

08/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6505343

Report No. 6506-0328

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No. : W 65051383

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 – 01/06/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. Sampling By Mr. Songpon Phiwuan (C-003-D-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

08/06/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยภูไท**

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051384, W65070286

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 9:55 AM, 9:15 AM**

Received Date : 17/05/2022, 04/07/2022

Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	37.8	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	4,900	≤ 20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	388	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	7.0	≥ 4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	1,700	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.57	≤ 1

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070286 : Sampling Date 02/07/2022 (9:15 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*

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

7. MDL = Method Detection Limit [MDL = 3.143 * (SD * 1.645)] / ** = These data are non laboratory data.

SUPPLEMENT 6506-0329



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

19/07/2022

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยภูไท**

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051384, W 65070286

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 9:55 AM, 9:15 AM**

Received Date : 17/05/2022, 04/07/2022

Reported Date : 19/07/2022

Request No : W6505343, W 6507068

Report No : 6506-0329-I, 6507-1365

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	5.50	≤5
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Phenol */2	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.37	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	30.8	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ -E)	47.5	-
Temperature *	°C	Laboratory and Field Method	30	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	225	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	113	-

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070286 : Sampling Date 02/07/2022 (9:15 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.298 mg/l] / ** = These data are non-laboratory data.

SUPPLEMENT TO TEST REPORT No. 6506-0329



Examined By :

(Mr. Kawee Suthasub)
19/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : ห้วยไทร**

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 17/05/2022 - 01/06/2022

Sample No : W 65051384, W 65070286

Sampling Date : 16/05/2022, 02/07/2022**

Sampling Time : 9:55 AM, 9:15 AM**

Received Date : 17/05/2022, 04/07/2022**

Reported Date : 19/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	144	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W65070286 : Sampling Date 02/07/2022 (9:15 AM) : Tested Date 04/07/2022 - 12/07/2022

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

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

4. Mr. Kawee Suthasub is Technical Management./ร** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Parameter Outside The Scope of The Registration of Examination of Industrial Works

7. MDL = Method Detection Limit [MDL = Sample = 0.0000001** = These data are non laboratory data.

SUPPLEMENT : 6506-0329



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

19/07/2022

Test Report

Request No : W6505343

Report No : 6506 -0329

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : ห้วยภูไท

Sample No : W 65051384

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)

Sampling Date : 16/05/2022

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 17/05/2022

Tested Date : 17/05/2022 - 01/06/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.25	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

08/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. W6505343

Report No. 6506-0329

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230

Sampling Source : ห้วยภูไท

Sample Name : บริเวณบ้านวังตาลมอนใต้ฝายกั้นน้ำในนิคมฯ (W4)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 17/05/2022 – 01/06/2022

Sample No. : W 65051384

Sampling Date : 16/05/2022

Sampling Time : 9:55 AM

Received Date : 17/05/2022

Reported Date : 08/06/2022

Parameter	Unit	Method	Result	Standard ¹⁾
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography	Not Detected	****

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 2.0 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด

3. Sampling By Mr. Songpon Phiwuan (C-003-C-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....



(Miss Apiradee Chuen-arom)

08/06/2022

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Test Report

Request No : W6506324

Report No : 6507-1149

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061291

Sample Name : บริเวณบ้านหนองตอง (SD 1)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.29	≤0.16
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	6.19	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	161	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	3.66	≤27.5

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำในดิน

2. Sampling By Mr. Songpon Phiwan (จ-003-ค-7279)

Examined By

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506324

Report No : 6507-1149

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061291

Sample Name : บริเวณบ้านหนองตอง (SD 1)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	15.4	≤80

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwan (ว-003-ท-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1149

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061291

Sample Name : บริเวณบ้านหนองตอง (SD 1)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	11.9	≤21.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	2,966	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Appearance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

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

3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1150

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061292

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:55 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	16.1	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.56	≤0.16
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	9.75	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	269	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	10.0	≤27.5

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1150

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061292

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:55 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Selenium (Se)	mg/kg	Digestion,Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion,Inductively Coupled Plasma	28.9	≤80

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
18/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
18/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506324

Report No : 6507-1150

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061292

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 8:55 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	9.20	≤21.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	7,654	-
SAR	mg/kg	Acid Digestion , ICP-OES	< 50	-

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1151

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061293

Sample Name : เนื้ออ่างเก็บน้ำดอกกราย 1 กม. (SD 3)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.25	≤ 0.16
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	4.89	≤ 36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	87.5	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.23	≤ 27.5

Physical Appearance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1151

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061293

Sample Name : เนื้ออย่างเก็บน้ำดอกกราย 1 กก. (SD 3)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022


Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	8.70	≤ 80

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

Examined By : 

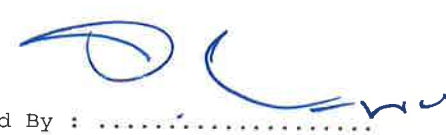
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506324

Report No : 6507-1151

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061293

Sample Name : เนื้ออ่างเก็บน้ำดอกกราย 1 กม. (SD 3)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.52	≤21.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	4,450	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Appearance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

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

3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

Test Report

Request No : W6506324

Report No : 6507-1152

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061294

Sample Name : อ่างเก็บน้ำดอกกราย (SD 4)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤0.16
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	3.57	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	22.1	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	1.17	≤27.5

Physical Appearance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506324

Report No : 6507-1152

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061294

Sample Name : อ่างเก็บน้ำดอกกราย (SD 4)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022


Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	4.88	≤ 80

Physical Apperance : 1. Sample : gray, soil


2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
18/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : (Mr. Kawee Suthasub)
(ว-003-ค-2205)
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Test Report

Request No : W6506324

Report No : 6507-1152

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 65061294

Sample Name : อ่างเก็บน้ำดอกกราย (SD 4)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/l
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤21.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	2,935	-
SAR	mg/kg	Acid Digestion , ICP-OES	< 50	-

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

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

3. Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

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ISO/IEC 17025

Test Report

Request No : W6506322

Report No : 6507-1153

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061282

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:40 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	5.33	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	159	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.92	≤5205

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /I Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1153

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 65061282

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:40 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022


Parameter	Unit	Method	Result	Standard ^{1/}
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤4380
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	27.1	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
18/07/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Mr. Kawee Suthasub)
(ว-003-ค-2205)
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Test Report

Request No : W6506322

Report No : 6507-1153

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061282

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:40 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.07	≤35040
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1154

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้

Sample No : W 65061283

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic (As)	mg/kg	Digestion,Inductively Coupled Plasma	6.54	≤25
Cadmium (Cd)	mg/kg	Digestion,Inductively Coupled Plasma	0.38	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,Inductively Coupled Plasma	15.8	≤800
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	321	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion,Inductively Coupled Plasma	14.1	≤5205

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

3. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1154

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061283

Sample Name : พื้นที่สีเขียวหน้าโรงงาน## Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	114	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)

3. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1154

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรคสองโปรดักต์มาใช้ Sample No : W 65061283

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	14.7	≤35040
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)

4. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1155

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองโปรดคันไม้ Sample No : W 65061284

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:50 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	8.46	≤25
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.41	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	12.0	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	113	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.70	≤5205

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1155

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061284

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:50 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤4380
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	23.8	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1155

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061284

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:50 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.17	≤35040
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1156

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 65061285

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/l
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	6.13	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	286	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	4.14	≤5205


Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1156

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061285

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	16.0	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1156

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061285

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	12.0	≤35040
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),


Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061286

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤25
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	4.13	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	152	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.00	≤5205

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),
Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061286

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5)

Sampling Date : 11/06/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 4380
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	7.38	-


Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)

Examined By : 


(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

18/07/2022

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Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 65061286

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5) Sampling Date : 11/06/2022

Sampling By : ETC Sampling Time : 9:30 AM

Sampling Method : Grab Received Date : 13/06/2022

Tested Date : 14/06/2022 - 21/06/2022 Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	8.33	≤35040
SAR	mg/kg	Acid Digestion, ICP-OES	< 50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 27/06/2022 - 16/07/2022

Sample No : W 65062164

Sampling Date : 24/06/2022**

Sampling Time : 10:10 AM**

Received Date : 25/06/2022

Reported Date : 18/07/2022

Request No : W6506615

Report No : 6507-1143

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.01
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.5

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ก-7279)*

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

6. MDL = Method Detection Limit MDL of Nickel = 0.03 mg/l

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : น้ำใต้ดิน**
Sample Name : ก้อนไหลผ่าน Holding Pond 1 (Up Gradient)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/06/2022 - 16/07/2022

Request No : W6506615
Report No : 6507-1143
Sample No : W 65062164
Sampling Date : 24/06/2022**
Sampling Time : 10:10 AM**
Received Date : 25/06/2022
Reported Date : 18/07/2022


Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.04	≤0.02
pH (on site) *		Electrometric Method	6.8	-
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤0.01
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	≤5

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

- Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)
2. @ = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ก-7279)*
5. ** = These data are non laboratory data.
6. MDL = Method Detection Limit / MDL of Nickel = 0.05 mg/l

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
18/07/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : ก้อนไหลผ่าน Holding Pond 1 (Up Gradient)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 27/06/2022 - 16/07/2022

Request No : W6506615

Report No : 6507- 1143

Sample No : W 65062164

Sampling Date : 24/06/2022**

Sampling Time : 10:10 AM**

Received Date : 25/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	608	-
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Iron @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.24	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.88	-
Temperature *	°C	Laboratory and Field Method	31	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Mr. Kawee Suthasub is Technical Management.

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

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TEST REPORT

Request No. W6406615

Report No. 6507-1143

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 27/06/2022 – 16/07/2022

Sample No. : W 65062164
Sampling Date : 24/06/2022
Sampling Time : 10:10 AM
Received Date : 25/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹⁾
VOCs **				
- Benzene	mg/l	APHA 6200 B	ND	≤ 5
- Carbon tetrachloride	mg/l	APHA 6200 B	0.0007	≤ 5
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Dichloromethane	mg/l	APHA 6200 B	ND	≤ 5
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 7
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 70
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 100
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 700
- Styrene	mg/l	APHA 6200 B	ND	≤ 100
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Toluene	mg/l	APHA 6200 B	ND	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	-
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 200
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- m-Xylene	mg/l	APHA 6200 B	ND	-
- o-Xylene	mg/l	APHA 6200 B	ND	-
- p-Xylene	mg/l	APHA 6200 B	ND	-
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 10,000
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 2

Physical Appearance : 1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L [4 Bottle]. PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 29 , B.E. 2543 (2000)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detectable
4. Sampling By Mr. Songpon Phiwan (7-003-ก-



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกไหลผ่าน Holding Pond 1 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 27/06/2022 - 16/07/2022

Sample No : W 65062165

Sampling Date : 24/06/2022**

Sampling Time : 10:00 AM**

Received Date : 25/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/1
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.01
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤0.05
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ก-7279)*

5. ** = These data are non laboratory data. / ## หลังกไหลผ่าน Holding Pond 1 (Down Gradient 1)**

6. MDL = Method Detection Limit (MDL of Nickel = 0.02 mg/l)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/07/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกไหลผ่าน Holding Pond 1 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 27/06/2022 - 16/07/2022

Sample No : W 65062165

Sampling Date : 24/06/2022**

Sampling Time : 10:00 AM**

Received Date : 25/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/1
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.03	≤0.02
pH (on site) *		Electrometric Method	6.8	-
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤0.01
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	≤5

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /l Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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 Phiwan (จ-003-ก-7279)*

5. ** = These data are non laboratory data. / ## หลังกไหลผ่าน Holding Pond 1 (Down Gradient 1)**

6. MDL = Method Detection Limit MDL of Nickel = 0.05 mg/l

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
18/07/2022

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

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : น้ำใต้ดิน**
Sample Name : หลังกไหลผ่าน Holding Pond 1 ##
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/06/2022 - 16/07/2022

Request No : W6506615
Report No : 6507-1144
Sample No : W 65062165
Sampling Date : 24/06/2022**
Sampling Time : 10:00 AM**
Received Date : 25/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	819	-
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Iron @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	3.36	-
Temperature *	°C	Laboratory and Field Method	30	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

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

6.## หลังกไหลผ่าน Holding Pond 1 (Down Gradient) **



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

TEST REPORT

Request No. W6406615

Report No. 6507-1144

Customer	:	Amata City Rayong Co.,Ltd.
Address	:	7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source	:	น้ำใต้ดิน
Sample Name	:	หลังไหลผ่าน Holding Pond 1 ##
Sampling By	:	ETC
Sampling Method	:	Grab
Tested Date	:	27/06/2022 – 16/07/2022

Sample No. : W 65062165
Sampling Date : 24/06/2022
Sampling Time : 10:00 AM
Received Date : 25/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ^{/1}
VOCs **				
- Benzene	mg/l	APHA 6200 B	0.0002	≤ 5
- Carbon tetrachloride	mg/l	APHA 6200 B	0.0004	≤ 5
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Dichloromethane	mg/l	APHA 6200 B	0.0034	≤ 5
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 7
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 70
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 100
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 700
- Styrene	mg/l	APHA 6200 B	ND	≤ 100
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Toluene	mg/l	APHA 6200 B	ND	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	≤ 5
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 200
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- m-Xylene	mg/l	APHA 6200 B	ND	≤ 5
- o-Xylene	mg/l	APHA 6200 B	ND	≤ 5
- p-Xylene	mg/l	APHA 6200 B	ND	≤ 5
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 10,000
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 2

Physical Apperance : 1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1./1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)

2. ** Tested by SECOT CO.,LTD.

3. ND = non-detectable

4. Sampling By Mr. Songpon Phiwuan (3-003-0-7

5. ## หลั่งไหลผ่าน Holding Pond 1 (Down Gradient)



บริษัท อีสเทิร์นไทยคอนกรีต 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

18/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกีฬาด่าน Holding Pond 1 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 27/06/2022 - 16/07/2022

Sample No : W 65062166

Sampling Date : 24/06/2022**

Sampling Time : 9:50 AM**

Received Date : 25/06/2022

Reported Date : 18/07/2022

Request No : W6506615

Report No : 6507-1145

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.01
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤0.003
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.05
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤0.01
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.5

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by 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 Phiwan (จ-003-ค-7279)*

5. ** = These data are non laboratory data./ ## หลังกีฬาด่าน Holding Pond 1 (Down Gradient 2)**

6. MDL = Method Detection Limit [MDL of Nickel = 0.05 mg/l]

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506615

Report No : 6507-1145

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062166

Sample Name : หลังกโหลผ่าน Holding Pond 1 ##

Sampling Date : 24/06/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 25/06/2022

Tested Date : 27/06/2022 - 16/07/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/1
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.001
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.02	≤0.02
pH (on site) *		Electrometric Method	6.8	-
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤0.01
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

2. @ = ISO/IEC 17025:2017 Accredited by 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-ค-7279)*

5. ** = These data are non laboratory data./ ## หลังกโหลผ่าน Holding Pond 1 (Down Gradient 2)**

6. MDL = Method Detection Limit (MDL of Nickel : 0.005 mg/l)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/07/2022

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Test Report

Request No : W6506615

Report No : 6507-1145

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062166

Sample Name : หลังไหลผ่าน Holding Pond 1 ##

Sampling Date : 24/06/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 25/06/2022

Tested Date : 27/06/2022 - 16/07/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	826	-
Copper @	mg/l	Digestion,Direct Air-Acetylene	< 0.10	-
		Flame Method (SM:3030F, 3111B)		
Iron @	mg/l	Digestion,Direct Air-Acetylene	< 0.10	-
		Flame Method (SM:3030F, 3111B)		
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion,Inductively Coupled	6.67	-
		Plasma Method (SM:3030F, 3120B)		
Temperature *	°C	Laboratory and Field Method	30	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (๖-003-ค-๖๖๖๖)*

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

6.## หลังไหลผ่าน Holding Pond 1 (Down Gradient 2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

TEST REPORT

Request No. W6406615

Report No. 6507-1145

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังกไหลผ่าน Holding Pond 1 ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 27/06/2022 – 16/07/2022

Sample No. : W 65062166
Sampling Date : 24/06/2022
Sampling Time : 9:50 AM
Received Date : 25/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹⁾
VOCs **				
- Benzene	mg/l	APHA 6200 B	ND	≤ 5
- Carbon tetrachloride	mg/l	APHA 6200 B	0.0004	≤ 5
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Dichloromethane	mg/l	APHA 6200 B	ND	≤ 5
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 7
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 70
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 100
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 700
- Styrene	mg/l	APHA 6200 B	ND	≤ 100
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Toluene	mg/l	APHA 6200 B	ND	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	-
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 200
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 5
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- m-Xylene	mg/l	APHA 6200 B	ND	-
- o-Xylene	mg/l	APHA 6200 B	ND	-
- p-Xylene	mg/l	APHA 6200 B	ND	-
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 10,000
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 2

Physical Appearance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /I Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detactable
4. Sampling By Mr. Songpon Phiwan (๖-๐๐๓-๖๖๖๖)
5. # หลังกไหลผ่าน Holding Pond 1 (Down Gradient)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 15/07/2022

Sample No : W 65062393

Sampling Date : 28/06/2022**

Sampling Time : 11:10 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Request No : W6506676

Report No : 6507-1146

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.1
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤6
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤4
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤33

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานของกรมอนามัยที่ใช้อยู่

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 15/07/2022

Sample No : W 65062393

Sampling Date : 28/06/2022**

Sampling Time : 11:10 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Request No : W6506676

Report No : 6507-1146

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.7
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤5
pH (on site) *		Electrometric Method	7.6	6.5 - 9.2***
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤12
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤10

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry, B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
18/07/2022

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Test Report

Request No : W6506676

Report No : 6507-1146

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062393

Sample Name : ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)**

Sampling Date : 28/06/2022**

Sampling By : ETC**

Sampling Time : 11:10 AM**

Sampling Method : Grab**

Received Date : 29/06/2022

Tested Date : 29/06/2022 - 15/07/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	913	-
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Iron @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.32	-
Temperature *	°C	Laboratory and Field Method	30	-

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. Mr. Kawee Suthasub is Technical Management.

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

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TEST REPORT

Request No. W6506676

Report No. 6507-1146

Customer	:	Amata City Rayong Co.,Ltd.
Address	:	7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source	:	น้ำใต้ดิน
Sample Name	:	ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)
Sampling By	:	ETC
Sampling Method	:	Grab
Tested Date	:	29/06/2022 – 15/07/2022

Sample No.	W 65062393
Sampling Date	28/06/2022
Sampling Time	11:10 AM
Received Date	29/06/2022
Reported Date	18/07/2022

Parameter	Unit	Method	Result	Standard ^{/1}
VOCs **				
- Benzene	mg/l	APHA 6200 B	ND	≤ 0.2
- Carbon tetrachloride	mg/l	APHA 6200 B	ND	≤ 0.4
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 0.5
- Dichloromethane	mg/l	APHA 6200 B	ND	≤ 6.0
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 0.1
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 2
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 2
- Styrene	mg/l	APHA 6200 B	ND	≤ 24
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 0.9
- Toluene	mg/l	APHA 6200 B	ND	≤ 5
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	≤ 24
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.2
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.8
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 4.4
- m-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- o-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- p-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 24
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 0.03

Physical Apperance :	1. Sample :	yellowish, turbid
	2. Container :	Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detetable
4. Sampling By Mr. Songpon Phiwan (003 7-7272)



บริษัท ลีสเทิร์นไทยคอนกรีต 1992 จำกัด

Examined By _____

(Miss Apiradee Chuen-arom)

18/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6506676

Report No : 6507-1147

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062394

Sample Name : หลังกไหลผ่าน Holding Pond 2 ##

Sampling Date : 28/06/2022**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 29/06/2022

Tested Date : 29/06/2022 - 15/07/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.1
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤6
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤4
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤33

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อเหนือน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงที่สุดของมาตรฐาน คุณภาพน้ำผิวดินที่ใช้บริโภค/## หลังกไหลผ่าน Holding Pond 2 (Down Gradient 1)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังไหลผ่าน Holding Pond 2 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 15/07/2022

Sample No : W 65062394

Sampling Date : 28/06/2022**

Sampling Time : 10:50 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.7
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 5
pH (on site) *		Electrometric Method	7.1	6.5 - 9.2***
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤ 12
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 10

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1./1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพสิ่งแวดล้อมที่ใช้บริโภค/## หลังไหลผ่าน Holding Pond 2 (Down Gradient 1)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

18/07/2022

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Test Report

Request No : W6506676

Report No : 6507- 1147

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062394

Sample Name : หลังไหลผ่าน Holding Pond 2 ##

Sampling Date : 28/06/2022**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 29/06/2022

Tested Date : 29/06/2022 - 15/07/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	1,007	-
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Iron @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.80	-
Temperature *	°C	Laboratory and Field Method	30	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (๓-003-๓-7279)*

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

6.## หลังไหลผ่าน Holding Pond 2 (Down Gradient)**



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

TEST REPORT

Request No. W6506676

Report No. 6507-1147

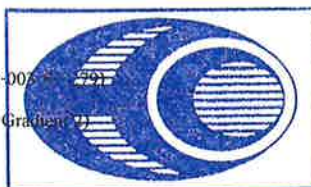
Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังไหลผ่าน Holding Pond 2 #
Sampling By : ETC
Sampling Method : Grab
Tested Date : 29/06/2022 – 15/07/2022

Sample No. : W 65062394
Sampling Date : 28/06/2022
Sampling Time : 10:50 AM
Received Date : 29/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
VOCs **				
- Benzene	mg/l	APHA 6200 B	ND	≤ 0.2
- Carbon tetrachloride	mg/l	APHA 6200 B	ND	≤ 0.4
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 0.5
- Dichloromethane	mg/l	APHA 6200 B	ND	≤ 6.0
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 0.1
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 2
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 2
- Styrene	mg/l	APHA 6200 B	ND	≤ 24
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 0.9
- Toluene	mg/l	APHA 6200 B	ND	≤ 5
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	≤ 24
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.2
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.8
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 4.4
- m-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- o-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- p-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 24
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 0.03

Physical Appearance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detetable
4. Sampling By Mr. Songpon Phiwuan (3-005 379)
5. # หลังไหลผ่าน Holding Pond 2 (Down Gradient 2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Examined By



(Miss Apiradee Chuen-arom)

18/07/2022

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกไหลผ่าน Holding Pond 2 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 19/07/2022

Sample No : W 65062395

Sampling Date : 28/06/2022**

Sampling Time : 11:00 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Request No : W6506676

Report No : 6507-1148

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.1
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤6
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤4
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤33

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน ทดสอบเป็นปกติที่บริษัท โภค/## หลังกไหลผ่าน Holding Pond 2 (Down Gradient 2)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังไหลผ่าน Holding Pond 2 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 19/07/2022

Sample No : W 65062395

Sampling Date : 28/06/2022**

Sampling Time : 11:00 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Request No : W6506676

Report No : 6507-1148

Parameter	Unit	Method	Result	Standard ¹
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.7
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤5
pH (on site) *		Electrometric Method	7.6	6.5 - 9.2***
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤12
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤10

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริ โภค/## หลังไหลผ่าน Holding Pond 2 (Down Gradient 2)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**

Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกไหลผ่าน Holding Pond 2 ##

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 19/07/2022

Request No : W6506676

Report No : 6507-1148

Sample No : W 65062395

Sampling Date : 28/06/2022**

Sampling Time : 11:00 AM**

Received Date : 29/06/2022

Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	1,014	-
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Iron @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	-
Sodium Adsorption Ratio (SAR) *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.31	-
Temperature *	°C	Laboratory and Field Method	28	-

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

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

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

6.## หลังกไหลผ่าน Holding Pond 2 (Down Gradient 2)**



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

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Request No. W6506676

TEST REPORT

Report No. 6507-1148

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังไหลผ่าน Holding Pond 2 #
Sampling By : ETC
Sampling Method : Grab
Tested Date : 29/06/2022 – 19/07/2022

Sample No. : W 65062395
Sampling Date : 28/06/2022
Sampling Time : 11:00 AM
Received Date : 29/06/2022
Reported Date : 18/07/2022

Parameter	Unit	Method	Result	Standard ¹
VOCs **				
- Benzene	mg/l	APHA 6200 B	ND	≤ 0.2
- Carbon tetrachloride	mg/l	APHA 6200 B	ND	≤ 0.4
- 1,2-Dichloroethane	mg/l	APHA 6200 B	ND	≤ 0.5
- Dichloromethane	mg/l	APHA 6200 B	ND	≤ 6.0
- 1,1-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 0.1
- cis 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 2
- Trans 1,2-Dichloroethylene	mg/l	APHA 6200 B	ND	≤ 5
- Ethylbenzene	mg/l	APHA 6200 B	ND	≤ 2
- Styrene	mg/l	APHA 6200 B	ND	≤ 24
- Tetrachloroethylene	mg/l	APHA 6200 B	ND	≤ 0.9
- Toluene	mg/l	APHA 6200 B	ND	≤ 5
- 1,2,4-Trichlorobenzene	mg/l	APHA 6200 B	ND	≤ 24
- 1,1,1-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.2
- 1,1,2-Trichloroethane	mg/l	APHA 6200 B	ND	≤ 0.8
- Trichloroethylene	mg/l	APHA 6200 B	ND	≤ 4.4
- m-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- o-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- p-Xylene	mg/l	APHA 6200 B	ND	≤ 24
- Total Xylenes	mg/l	APHA 6200 B	ND	≤ 24
- Vinyl chloride	mg/l	APHA 6200 B	ND	≤ 0.03

Physical Appearance : 1. Sample : lightly SS
2. Container : Normal [PE 0.5 L [4 Bottle], PE 2.0 L, G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detectable
4. Sampling By Mr. Songpon Phiwuan (1-003-...)
5. # หลังไหลผ่าน Holding Pond 2 (Down Gradient)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

18/07/2022

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

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