

ภาคผนวกที่ 1

ผลการตรวจติดตามคุณภาพสิ่งแวดล้อม



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 : W6506515

Report No : 6506-2258

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 : 21/06/2022 - 29/06/2022

Sample No : W 65061840
Sampling Date : 20/06/2022**
Sampling Time : 10:15 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	26.7	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	63	≤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	33	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	468	≤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)	19	≤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 (J-003-0-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม แห่งที่ 4 (WWTP-11)**

Examined By : 

(Miss Apiradee Chuen-arom)
(J-003-0-4377)
02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(J-003-0-2205)
02/07/2022

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 : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 21/06/2022 - 29/06/2022

Request No : W6506515

Report No : 6506-2258

Sample No : W 65061840

Sampling Date : 20/06/2022

Sampling Time : 10:15 AM

Received Date : 21/06/2022

Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	125	-

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 (1-003-0-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/07/2022

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 : 28/06/2022 - 21/07/2022

Request No : W6506642
Report No : 6507 - 0591
Sample No : W 65062273
Sampling Date : 27/06/2022**
Sampling Time : 11:05 AM**
Received Date : 28/06/2022
Reported Date : 25/07/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.2	≤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	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	552	≤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)	68	≤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. /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. Nitchaphon Tonglor (จ-003-จ-5638)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WW Treatment)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/07/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
25/07/2022

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 : 28/06/2022 - 05/07/2022

Request No : W6506642

Report No : 6507-0591

Sample No : W 65062273

Sampling Date : 27/06/2022

Sampling Time : 11:05 AM

Received Date : 28/06/2022

Reported Date : 07/07/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	188	-

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. Nitchaphon Tonglor (2-003-จ-5638)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/07/2022 - 01/08/2022

Request No : W6507096, W 6508489
Report No : 6508-0193-I, 6509-0002
Sample No : W 65070395, W 65081732
Sampling Date : 04/07/2022, 22/08/2022**
Sampling Time : 10:20 AM, 9:35 AM**
Received Date : 05/07/2022, 23/08/2022
Reported Date : 01/09/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0031	≤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)	16.8	≤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)	64	≤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./2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022

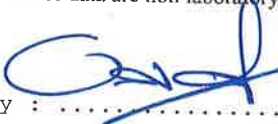
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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


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

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

6. ** = These data are non laboratory data.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
01/09/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
01/09/2022

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 : 05/07/2022 - 01/08/2022

Request No : W6507096, W 6508489

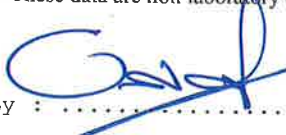
Report No : 6508-0193-1, 6509-0002

Sample No : W 65070395, W 65081732
Sampling Date : 04/07/2022, 22/08/2022**
Sampling Time : 10:20 AM, 9:35 AM**
Received Date : 05/07/2022, 23/08/2022
Reported Date : 01/09/2022

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. /2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022
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. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-จ-5637)*
6. ** = These data are non laboratory data. /## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
01/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
01/09/2022

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 : Influent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/07/2022 - 01/08/2022

Sample No : W 65070395, W 65081732

Sampling Date : 04/07/2022, 9:35 AM**

Sampling Time : 10:20 AM, 9:35 AM**

Received Date : 05/07/2022, 23/08/2022

Reported Date : 01/09/2022

Request No : W6507096, W 6508489

Report No : 6508-0193-I, 6509-0002

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	≤ 10
pH (on site) [*]		Electrometric Method	7.4	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. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

2. /2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022

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

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

6. ** = These data are non laboratory data. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
01/09/2022

SUPPLEMENTARY REPORT NO. 6508-0193



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
01/09/2022

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

COPY

Test Report

Request No : W6507096, W 6508489

Report No : 6508-0193-1, 6509-0002

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65070395, W 65081732

Sample Name : Influent**

Sampling Date : 04/07/2022, 22/08/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM, 9:35 AM**

Sampling Method : Grab**

Received Date : 05/07/2022, 23/08/2022

Tested Date : 05/07/2022 - 01/08/2022

Reported Date : 01/09/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.459	≤1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0050	≤0.02
Sulfide */2	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	0.62	≤1
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	824	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	12	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤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./2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022

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

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

6. ** = These data are non laboratory data./## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
01/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
01/09/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/07/2022 - 01/08/2022

Request No : W6507096, W 6508489
Report No : 6508-0193-1, 6509-0002
Sample No : W 65070395, W 65081732
Sampling Date : 04/07/2022, 22/08/2022**
Sampling Time : 10:20 AM, 9:35 AM**
Received Date : 05/07/2022, 23/08/2022
Reported Date : 01/09/2022

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

2./2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022


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


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

6. ** = These data are non laboratory data.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
01/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
01/09/2022

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

COPY

Test Report

Request No : W6507096, W 6508489

Report No : 6508 -0193-1, 6509-000

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65070395, W 65081732

Sample Name : Influent**

Sampling Date : 04/07/2022, 22/08/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM, 9:35 AM**

Sampling Method : Grab**

Received Date : 05/07/2022, 23/08/2022

Tested Date : 05/07/2022 - 01/08/2022

Reported Date : 01/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	233	-
Chlorine (Residual) *	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.2	≤1
Fluoride ^{*/2}	mg/l	Ion-Selective Electrode Method (SM:4500 -F- C)	2.56	≤5
Iron @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.33	≤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 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./2 Sample No. W65081732 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 25/08/2022

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

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

5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-จ-5637)*

6.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (AMAT-CT4-CT)**

7. Parameter Outside The Scope of The Regulation of Department of Industrial Works

SUPPLEMENT NO. 1-003-จ-5637-1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
01/09/2022

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

COPY

Request No. W6507096

Report No. 6508-0193

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 : 05/07/2022 – 01/08/2022
Sample No. : W 65070395
Sampling Date : 04/07/2022
Sampling Time : 10:20 AM
Received Date : 05/07/2022
Reported Date : 03/08/2022


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, 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. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
03/08/2022



Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
03/08/2022

REPORTED TESTS 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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 12/07/2022 - 26/07/2022

Sample No : W 65071271
Sampling Date : 11/07/2022**
Sampling Time : 10:43 AM**
Received Date : 12/07/2022
Reported Date : 29/07/2022

Request No : W6507306

Report No : 6507-2046

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)	< 40	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,196	≤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)	24	≤200

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 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. ** = These data are non laboratory data.

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWT-4) **

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/07/2022

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

COPY



Test Report

Request No : W6507306

Report No : 6507-2046

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071271

Sample Name : Influent

Sampling Date : 11/07/2022

Sampling By : ETC

Sampling Time : 10:43 AM

Sampling Method : Grab

Received Date : 12/07/2022

Tested Date : 12/07/2022 - 26/07/2022

Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	359	-

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 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 (3-003-จ-8334)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
29/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6507417

Report No : 6508-0190

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071562

Sample Name : Influent**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 19/07/2022

Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.3	≤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	7.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	470	≤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	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWP04-71)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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 : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 19/07/2022 - 27/07/2022

Request No : W6507417
Report No : 6508-0190
Sample No : W 65071562
Sampling Date : 18/07/2022
Sampling Time : 10:05 AM
Received Date : 19/07/2022
Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	92.9	-

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)
03/08/2022

Test Report

Request No : W6507546

Report No : 6508-0497

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071944

Sample Name : Influent**

Sampling Date : 25/07/2022**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 26/07/2022

Tested Date : 26/07/2022 - 03/08/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.6	≤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	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,240	≤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)	40	≤200

Physical Apperance : 1. Sample : slightly - 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,

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W-003-จ-8334)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

08/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

08/08/2022



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

COPY

Test Report

Request No : W6507546

Report No : 6508 -0497

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071944

Sample Name : Influent

Sampling Date : 25/07/2022

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 26/07/2022

Tested Date : 26/07/2022 - 03/08/2022

Reported Date : 08/08/2022

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

Physical Apperance : 1. Sample : slightly - white, 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 Miss Pornpinan Viriyakusolkul (3-003-จิ-8334)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
08/08/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 02/08/2022 - 10/08/2022

Request No : W6508029, W6508490
Report No : 6509-0229-1, 6509-0261
Sample No : W 65080124, W 65081733
Sampling Date : 01/08/2022, 22/08/2022**
Sampling Time : 9:45 AM, 9:35 AM**
Received Date : 02/08/2022, 23/08/2022
Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	50.6	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	181	≤750
Oil and Grease @/2	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	782	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	17	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	60	≤200

Physical Apperance : 1. Sample : slightly - gray, 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./2 Sample No. W65081733 : Sampling Date 22/08/2022 (9:35 AM) : Tested Date 23/08/2022 - 01/09/2022

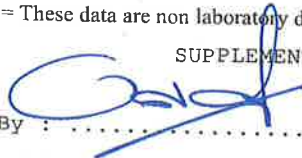
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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


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

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

6. ** = These data are non laboratory data / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/09/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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 : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 02/08/2022 - 10/08/2022

Request No : W6508029

Report No : 6509- 0229

Sample No : W 65080124

Sampling Date : 01/08/2022

Sampling Time : 9:45 AM

Received Date : 02/08/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	135	

Physical Apperance : 1. Sample : slightly - gray, 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-ค-7280)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
03/09/2022REPORTED 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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/08/2022 - 20/08/2022

Request No : W6508216, W 6510575
Report No : 6508-1811-1, 6511-0124
Sample No : W 65080853, W 65102016
Sampling Date : 08/08/2022, 26/10/2022**
Sampling Time : 9:45 AM, 10:30 AM**
Received Date : 09/08/2022, 27/10/2022
Reported Date : 02/11/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	22.9	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	50	≤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	28	≤45
Total Dissolved Solids #/2	mg/l	Dried at 180 C (SM:2540C)	1,864	≤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	≤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./2 Sample No. W65102016 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 29/10/2022


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

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

6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
02/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(ว-003-ก-2205)
02/11/2022

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

COPY

Test Report

Request No : W6508216

Report No : 6508-1811

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65080853

Sample Name : Influent

Sampling Date : 08/08/2022

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 09/08/2022

Tested Date : 09/08/2022 - 20/08/2022

Reported Date : 25/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	311	-

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)

25/08/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2022 - 26/08/2022

Request No : W 6508345
Report No : 6508-1985
Sample No : W 65081335
Sampling Date : 15/08/2022**
Sampling Time : 9:25 AM**
Received Date : 16/08/2022
Reported Date : 30/08/2022

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)	94	≤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	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,532	≤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 : 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,


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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTPA-C-T)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
30/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
30/08/2022

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

Test Report

Request No : W6508345

Report No : 6508-1985

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65081335

Sample Name : Influent

Sampling Date : 15/08/2022

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 30/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	356	-

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. 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-ก-7281)

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

30/08/2022

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

COPY

Test Report

Request No : W6508488

Report No : 6509-0226

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 : 23/08/2022 - 01/09/2022

Sample No : W 65081729
Sampling Date : 22/08/2022**
Sampling Time : 9:35 AM**
Received Date : 23/08/2022
Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.5	≤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)	834	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	14	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	46	≤200

Physical Apperance : 1. Sample : brown, 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

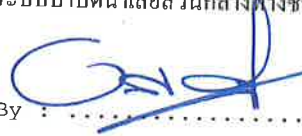
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWT4-CF)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/09/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

COPY

Test Report

Request No : W6508488

Report No : 6509-0226

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65081729

Sample Name : Influent

Sampling Date : 22/08/2022

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 23/08/2022

Tested Date : 23/08/2022 - 01/09/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	177	-

Physical Apperance : 1. Sample : brown, lightly SS

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

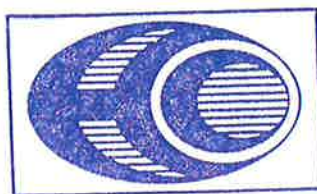
Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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

Page 1 of 1

Examined By :

(Miss Apiradee Chuen-arom)

03/09/2022

COPY

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 : 06/09/2022 - 15/09/2022

Sample No : W 65090583

Sampling Date : 05/09/2022**

Sampling Time : 9:40 AM**

Received Date : 06/09/2022

Reported Date : 20/09/2022

Request No : W6509135

Report No : 6509-1295

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	16.7	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	70	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,596	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	14	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	15	≤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 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)
20/09/2022

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

Test Report

Request No : W6509135

Report No : 6509-1295

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65090583

Sample Name : Influent

Sampling Date : 05/09/2022

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	394	-

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]

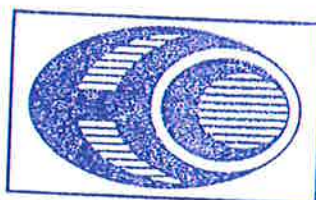
Remark : 1. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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. Supharek Phatklang (ว-003-จ-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

20/09/2022

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

Test Report

Request No : W6509312

Report No : 6509-1784

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091315

Sample Name : Influent**

Sampling Date : 12/09/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 26/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.4	≤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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	2,344	≤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 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 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWPH-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

27/09/2022

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

Test Report

Request No : W6509312

Report No : 6509-1784

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091315

Sample Name : Influent

Sampling Date : 12/09/2022

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 26/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	622	-

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]

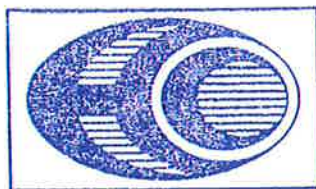
Remark : 1. /1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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-ค-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

27/09/2022

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

Test Report

Request No : W6509446

Report No : 6509-2170

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091684

Sample Name : Influent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.2	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	95	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	652	≤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)	53	≤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. Weerachai Porjai (จ-003-จ-8896)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

30/09/2022



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

COPY

Test Report

Request No : W6509446

Report No : 6509-2170

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091684

Sample Name : Influent

Sampling Date : 19/09/2022

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	141	-

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]

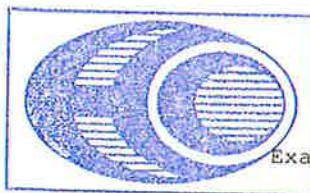
Remark : 1. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

3. Sampling By Mr. Weerachai Porjai (ว-003-จ-8896)

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

30/09/2022

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

Test Report

Request No : W6509561

Report No : 6510-0268

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65092062

Sample Name : Influent**

Sampling Date : 26/09/2022**

Sampling By : ETC**

Sampling Time : 10:45 AM**

Sampling Method : Grab

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	15.8	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	77	≤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)	1,300	≤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)	12	≤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. /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.

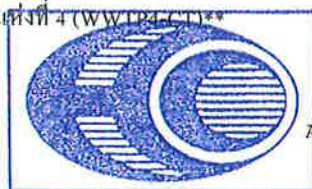
4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (จ-003-๑-8334)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/10/2022

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

Test Report

Request No : W6509561

Report No : 6510-0268

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65092062

Sample Name : Influent

Sampling Date : 26/09/2022

Sampling By : ETC

Sampling Time : 10:45 AM

Sampling Method : Grab

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard/I
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]

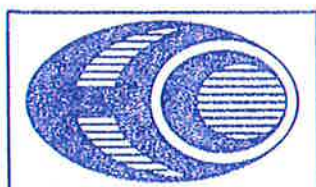
Remark : 1./1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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 อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Page 1 of 1

Examined By : (Miss Apiradee Chuen-arom)
05/10/2022

COPY

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 : 04/10/2022 - 12/10/2022

Sample No : W 65100254, W 65102013

Sampling Date : 03/10/2022, 26/10/2022**

Sampling Time : 10:10 AM, 10:30 AM**

Received Date : 04/10/2022, 27/10/2022

Reported Date : 16/01/2023

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.7	≤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)	77	≤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./2 Sample No. W65102013 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 03/11/2022

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

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


6. ** = These data are non laboratory data. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

SUPPLEMENT TO TEST REPORT NO. 6601-0137

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
16/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
16/01/2023

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 04/10/2022 - 12/10/2022

Request No : W6510049, W 6510574
Report No : 6601-0137-1, 6511-0589
Sample No : W 65100254, W 65102013
Sampling Date : 03/10/2022, 26/10/2022**
Sampling Time : 10:10 AM, 10:30 AM**
Received Date : 04/10/2022, 27/10/2022
Reported Date : 16/01/2023

Parameter	Unit	Method	Result	Standard ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	25	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	24	≤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./2 Sample No. W65102013 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 03/11/2022


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.

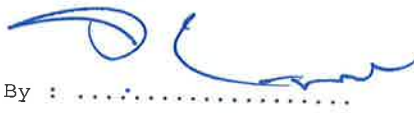
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

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

6. ** = These data are non laboratory data. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
16/01/2023



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
16/01/2023

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 : 04/10/2022 - 12/10/2022

Sample No : W 65100254, W 65102013

Sampling Date : 03/10/2022, 26/10/2022**

Sampling Time : 10:10AM, 10:30 AM**

Received Date : 04/10/2022

Reported Date : 16/01/2023

Request No : W6510049, W 6510574

Report No : 6601-0137-1, 6511-0589

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	≤ 10
pH (on site) *		Electrometric Method	7.2	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 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

2./2 Sample No. W65102013 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 03/11/2022

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

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

6. ** = These data are non laboratory data.### ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

16/01/2023



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 : 

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

16/01/2023

GOPY

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 : 04/10/2022 - 12/10/2022

Request No : W6510049, W 6510574
Report No : 6601-0137-1, 6511-0589
Sample No : W 65100254, W 65102013
Sampling Date : 03/10/2022, 26/10/2022**
Sampling Time : 10:10 AM, 10:30 AM**
Received Date : 04/10/2022, 27/10/2022
Reported Date : 16/01/2023

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 -S ₂ - F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 45
Total Dissolved Solids #/2	mg/l	Dried at 180 C (SM:2540C)	1,864	≤ 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	≤ 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./2 Sample No. W65102013 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 03/11/2022

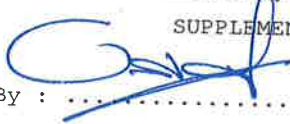
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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


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

6. ** = These data are non laboratory data./## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
16/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
16/01/2023

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

COPY

Test Report

Request No : W6510049, W 6510574

Report No : 6601-0137-1, 6511-0589

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100254, W 65102013

Sample Name : Influent**

Sampling Date : 03/10/2022, 26/10/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM, 10:30 AM**

Sampling Method : Grab**

Received Date : 04/10/2022, 27/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 16/01/2023

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

2./2 Sample No. W65102013 : Sampling Date 26/10/2022 (10:30 AM) : Tested Date 27/10/2022 - 03/11/2022

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

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

6. ** = These data are non laboratory data./## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

16/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

16/01/2023

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

COPY

Test Report

Request No : W6510049, W 6512484

Report No : 6601-0137-1, 6601-0140

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100254, W 65121618

Sample Name : Influent**

Sampling Date : 03/10/2022, 19/12/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM, 10:45 AM**

Sampling Method : Grab**

Received Date : 04/10/2022, 20/12/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	851	-
Chlorine (Residual) *	mg/l as Cl ₂	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1
Fluoride ^{*/2}	mg/l	Ion-Selective Electrode Method (SM:4500 -F- C)	2.31	≤5
Iron [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.19	≤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./2 Sample No. W65121618 : Sampling Date 19/12/2022 (10:45 AM) : Tested Date 20/12/2022 - 29/12/2022

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

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

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

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

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

SUPPLEMENT TO TEST REPORT NO. 6601-0137



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

04/01/2023

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

COPY

Request No. W6510049

Report No. 6601-0137


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 : 04/10/2022 – 12/10/2022
Sample No. : W 65100254
Sampling Date : 03/10/2022
Sampling Time : 10:10 AM
Received Date : 04/10/2022
Reported Date : 04/01/2023

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, 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. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Songpon Phivuan (ว-003-ค-7279)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
04/01/2023

REPORTED TESTS 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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 12/10/2022 - 21/10/2022

Request No : W6510272
Report No : 6510-1647
Sample No : W 65101099
Sampling Date : 10/10/2022**
Sampling Time : 10:40 AM**
Received Date : 11/10/2022
Reported Date : 28/10/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	25.2	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	61	≤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)	1,328	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	17	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	16	≤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. Supharek Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 W6510272**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/10/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/10/2022

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

Test Report

Request No : W6510272

Report No : 6510-1647

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65101099

Sample Name : Influent

Sampling Date : 10/10/2022

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 11/10/2022

Tested Date : 12/10/2022 - 21/10/2022

Reported Date : 28/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	367	-

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)

28/10/2022

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

COPY

Test Report

Request No : W6510420

Report No : 6510-1965

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 : 18/10/2022 - 26/10/2022

Sample No : W 65101499

Sampling Date : 17/10/2022**

Sampling Time : 10:50 AM**

Received Date : 18/10/2022

Reported Date : 31/10/2022

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	14.8	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	119	≤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)	2,152	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	14	≤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 Mr. Parkpoom Buasawad (ว-003-ค-7280)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

31/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

31/10/2022

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 : Influent
Sampling By : ETC
Sampling Method : Grab
Tested Date : 18/10/2022 - 26/10/2022

Request No : W6510420
Report No : 6510-1965

Sample No : W 65101499
Sampling Date : 17/10/2022
Sampling Time : 10:50 AM
Received Date : 18/10/2022
Reported Date : 31/10/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	307	-

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-ค-7280)
5. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)
31/10/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/10/2022 - 03/11/2022


Request No : W6510574
Report No : 6511-0589
Sample No : W 65102013
Sampling Date : 26/10/2022**
Sampling Time : 10:30 AM**
Received Date : 27/10/2022
Reported Date : 08/11/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	30.6	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	118	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,864	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	28	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*
5. ** = These data are non laboratory data.

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP-ETC)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
08/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
08/11/2022

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

COPY

Test Report

Request No : W6510574

Report No : 6511-0589

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 : 27/10/2022 - 03/11/2022

Sample No : W 65102013

Sampling Date : 26/10/2022

Sampling Time : 10:30 AM

Received Date : 27/10/2022

Reported Date : 08/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	567	-

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]

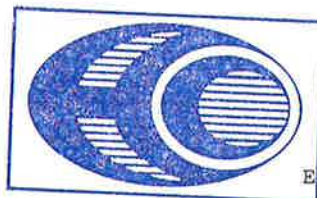
Remark : 1. /I Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
08/11/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6511203

Report No : 6511-1383


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 : 08/11/2022 - 16/11/2022

Sample No : W 65110835
Sampling Date : 07/11/2022**
Sampling Time : 9:33 AM**
Received Date : 08/11/2022
Reported Date : 18/11/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	35.9	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	103	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	828	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	17	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางเข้าพื้นที่ (SM:5210B)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/11/2022

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



Test Report

Request No : W6511203

Report No : 6511-1383

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65110835

Sample Name : Influent

Sampling Date : 07/11/2022

Sampling By : ETC

Sampling Time : 9:33 AM

Sampling Method : Grab

Received Date : 08/11/2022

Tested Date : 08/11/2022 - 16/11/2022

Reported Date : 18/11/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	177	-

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 :

(Miss Apiradee Chuen-arom)

18/11/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 19/11/2022

Request No : W6511359
Report No : 6511-1864
Sample No : W 65111272
Sampling Date : 14/11/2022**
Sampling Time : 11:10 AM**
Received Date : 15/11/2022
Reported Date : 24/11/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	32.0	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	93	≤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)	928	≤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)	12	≤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,

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP at ETC)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
24/11/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
24/11/2022

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

Test Report

Request No : W6511359

Report No : 6511-1864

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65111272

Sample Name : Influent

Sampling Date : 14/11/2022

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 19/11/2022

Reported Date : 24/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	263	-

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 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 อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/11/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 22/11/2022 - 26/11/2022

Request No : W6511500
Report No : 6511-2102

Sample No : W 65111671
Sampling Date : 21/11/2022**
Sampling Time : 9:55 AM**
Received Date : 22/11/2022
Reported Date : 29/11/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.3	≤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	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤45
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)	12	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	15	≤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.

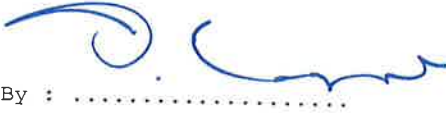
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (จ-003-ค-7279)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/11/2022

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

COPY

Test Report

Request No : W6511500

Report No : 6511-2102

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65111671

Sample Name : Influent

Sampling Date : 21/11/2022

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 22/11/2022

Tested Date : 22/11/2022 - 26/11/2022

Reported Date : 29/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	260	-

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 อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

29/11/2022

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 : Influent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 29/11/2022 - 05/12/2022

Request No : W6511604
Report No : 6512-0822
Sample No : W 65112014
Sampling Date : 28/11/2022**
Sampling Time : 10:40 AM**
Received Date : 29/11/2022
Reported Date : 13/12/2022


Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.9	≤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	7.1	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	830	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	22	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤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 (จ-003-จ-8334)*
5. ** = These data are non laboratory data.

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
13/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
13/12/2022

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 : Influent

Sampling By : ETC

Sampling Method : Grab

Tested Date : 29/11/2022 - 05/12/2022

Request No : W6511604

Report No : 6512-0822

Sample No : W 65112014

Sampling Date : 28/11/2022

Sampling Time : 10:40 AM

Received Date : 29/11/2022

Reported Date : 13/12/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	223	-

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 อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

13/12/2022

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 : Influent**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 06/12/2022 - 13/12/2022

Sample No : W 65120560

Sampling Date : 05/12/2022**

Sampling Time : 10:00 AM**

Received Date : 06/12/2022

Reported Date : 19/12/2022

Request No : W6512123

Report No : 6512-1090

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	23.6	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	45	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	932	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	19	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WATER TREATMENT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/12/2022

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

COPY

Test Report

Request No : W6512123

Report No : 6512-1090

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65120560

Sample Name : Influent

Sampling Date : 05/12/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 06/12/2022

Tested Date : 06/12/2022 - 13/12/2022

Reported Date : 19/12/2022

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 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)

19/12/2022

Test Report

Request No : W6512321

Report No : 6512-1472

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65121189

Sample Name : Influent**

Sampling Date : 12/12/2022**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 13/12/2022

Tested Date : 13/12/2022 - 20/12/2022

Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	11.9	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	52	≤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	26	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,528	≤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)	24	≤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 (www.etc1992.com)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/12/2022

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

COPY



Test Report

Request No : W6512321

Report No : 6512-1472

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65121189

Sample Name : Influent

Sampling Date : 12/12/2022

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 13/12/2022

Tested Date : 13/12/2022 - 20/12/2022

Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	377	-

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 (๖-003-๖-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

22/12/2022

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 : 21/06/2022 - 28/06/2022

Request No : W6506515
Report No : 6506-2259
Sample No : W 65061841
Sampling Date : 20/06/2022**
Sampling Time : 10:05 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

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)	2.7	≤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 : 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 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. Supharker Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพแห่งที่ 4 (www.etc1992.com)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
02/07/2022

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

Test Report

Request No : W6506515

Report No : 6506-2259

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061841

Sample Name : Effluent**

Sampling Date : 20/06/2022**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 21/06/2022

Tested Date : 21/06/2022 - 28/06/2022

Reported Date : 02/07/2022

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)	0.20	≤ 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
Temperature [*]	°C	Laboratory and Field Method	33	≤ 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)	10	≤ 50

Physical Appearance : 1. Sample : lightly SS

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

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

2. @ = 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 (1-003-1-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางอากาศ แห่งที่ 1 (WWTP4-CT) **

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-1-4377)

02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง จำกัด

Approved By :

(Mr. Kawee Suthasub)
(1-003-1-2205)

02/07/2022

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 : 21/06/2022 - 28/06/2022

Sample No : W 65061841

Sampling Date : 20/06/2022**

Sampling Time : 10:05 AM**

Received Date : 21/06/2022

Reported Date : 02/07/2022

Request No : W6506515

Report No : 6506-2259

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤5

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.F. 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

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

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 : 28/06/2022 - 21/07/2022

Request No : W6506642
Report No : 6507 - 0592
Sample No : W 65062274
Sampling Date : 27/06/2022**
Sampling Time : 11:13 AM**
Received Date : 28/06/2022
Reported Date : 25/07/2022

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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	1,068	≤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 / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Nitchaphon Tonglor (ว-003-ฉ-5638)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WV-003-ฉ-5638)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

25/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

25/07/2022

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 : 28/06/2022 - 05/07/2022

Request No : W6506642

Report No : 6507-0592

Sample No : W 65062274
Sampling Date : 27/06/2022
Sampling Time : 11:13 AM
Received Date : 28/06/2022
Reported Date : 07/07/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	244	-

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. Nitchaphon Tonglor (7-003-จ-5638)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
07/07/2022

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 : 05/07/2022 - 01/08/2022

Request No : W6507096
Report No : 6508-0194
Sample No : W 65070396
Sampling Date : 04/07/2022**
Sampling Time : 10:05 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0039	≤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)	6.3	≤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. Supharerk Phatklang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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 : 05/07/2022 - 01/08/2022

Sample No : W 65070396

Sampling Date : 04/07/2022**

Sampling Time : 10:05 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

Request No : W6507096

Report No : 6508-0194

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. /I Notificatoin 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. Supharker Phatklang (จ-003-จ-5637)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507096

Report No : 6508-0194


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 : 05/07/2022 - 01/08/2022

Sample No : W 65070396
Sampling Date : 04/07/2022**
Sampling Time : 10:05 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022


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)	0.08	≤ 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	6.9	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. Supharerk Phatklang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (Wwpp-cp) **

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507096

Report No : 6508-0194


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 : 05/07/2022 - 01/08/2022

Sample No : W 65070396
Sampling Date : 04/07/2022**
Sampling Time : 10:05 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022


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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,162	≤ 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)	33	≤ 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. Supharerk Phatklang (ว-003-ท-5637)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 WWA-C.DSS

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ท-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(ว-003-ท-2205)
03/08/2022

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 : 05/07/2022 - 01/08/2022

Request No : W6507096

Report No : 6508-0194

Sample No : W 65070396
Sampling Date : 04/07/2022**
Sampling Time : 10:05 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022

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)	0.23	≤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. Supharerk Phatklang (จ-003-จ-5637)*

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

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

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507096

Report No : 6508-0194

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 : 05/07/2022 - 01/08/2022

Sample No : W 65070396

Sampling Date : 04/07/2022

Sampling Time : 10:05 AM

Received Date : 05/07/2022

Reported Date : 03/08/2022

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

03/08/2022

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

COPY

Request No. W6507096

Report No. 6508-0194

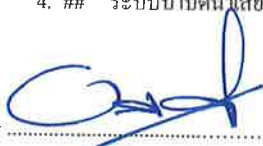
TEST REPORT

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 : 05/07/2022 – 01/08/2022
Sample No. : W 65070396
Sampling Date : 04/07/2022
Sampling Time : 10:05 AM
Received Date : 05/07/2022
Reported Date : 03/08/2022


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, 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. Supharerk Phatklang (ว-003-จ-5637)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
03/08/2022



Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
03/08/2022

REPORTED TESTS 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 : 12/07/2022 - 26/07/2022

Sample No : W 65071272

Sampling Date : 11/07/2022**

Sampling Time : 10:35 AM**

Received Date : 12/07/2022

Reported Date : 29/07/2022

Request No : W6507306

Report No : 6507-2047

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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,355	≤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)	16	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WAV-004-001)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

29/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

29/07/2022

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

COPY

Test Report

Request No : W6507306

Report No : 6507- 2047

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 : 12/07/2022 - 26/07/2022

Sample No : W 65071272

Sampling Date : 11/07/2022

Sampling Time : 10:35 AM

Received Date : 12/07/2022

Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	372	-

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 (1-003-1-8334)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

29/07/2022

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 : 19/07/2022 - 27/07/2022

Request No : W6507417
Report No : 6508-0191
Sample No : W 65071563
Sampling Date : 18/07/2022**
Sampling Time : 9:50 AM**
Received Date : 19/07/2022
Reported Date : 03/08/2022

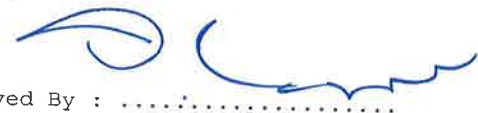
Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤ 20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 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 , (4 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

Test Report

Request No : W6507417

Report No : 6508-0191

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071563

Sample Name : Effluent**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 19/07/2022

Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 03/08/2022

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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,568	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	18	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L , (4 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. ** = These data are non laboratory data.

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP1-3)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

03/08/2022

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

COPY

Test Report

Request No : W6507417

Report No : 6508-0191

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071563

Sample Name : Effluent**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 19/07/2022

Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 03/08/2022

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 , (4 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-ก-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTH-C1)**

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)
03/08/2022

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 : 26/07/2022 - 03/08/2022


Sample No : W 65071945
Sampling Date : 25/07/2022**
Sampling Time : 10:00 AM**
Received Date : 26/07/2022
Reported Date : 08/08/2022

Request No : W6507546
Report No : 6508-0498

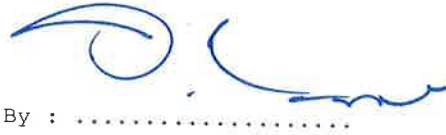
Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.5	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,592	≤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 : slightly - 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 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWT-4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
08/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
08/08/2022

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

COPY

Test Report

Request No : W6507546

Customer : Amata City Rayong Co.,Ltd.

Report No : 6508 -0498

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071945

Sample Name : Effluent

Sampling Date : 25/07/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 26/07/2022

Tested Date : 26/07/2022 - 03/08/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	237	

Physical Apperance : 1. Sample : slightly - 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 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)

08/08/2022

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 : 02/08/2022 - 11/08/2022

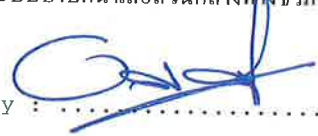
Request No : W6508029
Report No : 6509-0230

Sample No : W 65080125
Sampling Date : 01/08/2022**
Sampling Time : 9:50 AM**
Received Date : 02/08/2022
Reported Date : 03/09/2022

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)	5.4	≤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 : 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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (Wastewater Treatment Plant No. 4)

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

COPY

Test Report

Request No : W6508029

Report No : 6509-0230

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65080125

Sample Name : Effluent**

Sampling Date : 01/08/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 02/08/2022

Tested Date : 02/08/2022 - 11/08/2022

Reported Date : 03/09/2022

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 AAS 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	≤ 5
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,812	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	36	≤ 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

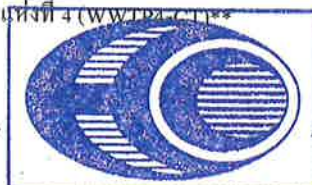
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTPA-C1)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/09/2022

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

COPY

Test Report

Request No : W6508029

Report No : 6509-0230

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65080125

Sample Name : Effluent**

Sampling Date : 01/08/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 02/08/2022

Tested Date : 02/08/2022 - 11/08/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.34	≤5

Physical Apperance : 1. Sample : 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

COPY

Test Report

Request No : W6508216

Report No : 6508-1812

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65080854

Sample Name : Effluent**

Sampling Date : 08/08/2022**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 09/08/2022

Tested Date : 09/08/2022 - 20/08/2022

Reported Date : 25/08/2022

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	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,764	≤ 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 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWT-4-BT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
25/08/2022

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

COPY

Test Report

Request No : W6508216

Report No : 6508-1812

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65080854

Sample Name : Effluent

Sampling Date : 08/08/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 09/08/2022

Tested Date : 09/08/2022 - 20/08/2022

Reported Date : 25/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	230	-

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-ค-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/08/2022

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 : 16/08/2022 - 26/08/2022


Sample No : W 65081336
Sampling Date : 15/08/2022**
Sampling Time : 9:15 AM**
Received Date : 16/08/2022
Reported Date : 30/08/2022

Request No : W6508345
Report No : 6508-1986


Parameter	Unit	Method	Result	Standard/l
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 Miss Janthanee Saiphan (จ-003-ค-7281) *
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/08/2022

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

Test Report

Request No : W6508345

Report No : 6508-1986

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65081336

Sample Name : Effluent**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 30/08/2022

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)	0.13	≤ 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
Temperature *	°C	Laboratory and Field Method	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,504	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	16	≤ 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWS-4) **

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/08/2022

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 : 16/08/2022 - 26/08/2022

Request No : W6508345

Report No : 6508-1986

Sample No : W 65081336

Sampling Date : 15/08/2022**

Sampling Time : 9:15 AM**

Received Date : 16/08/2022

Reported Date : 30/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWT4-C)**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

30/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

30/08/2022

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

COPY

Test Report

Request No : W6508488

Report No : 6509-0227

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65081730

Sample Name : Effluent**

Sampling Date : 22/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 23/08/2022

Tested Date : 23/08/2022 - 01/09/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.3	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	43	≤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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,476	≤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)	18	≤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. Supharerk Phatklang (จ-003-จ-5637)*

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

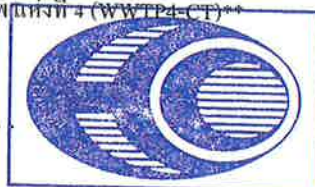
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/09/2022

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



Test Report

Request No : W6508488

Report No : 6509- 0227

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 : 23/08/2022 - 01/09/2022

Sample No : W 65081730

Sampling Date : 22/08/2022

Sampling Time : 9:20 AM

Received Date : 23/08/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	396	-

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]

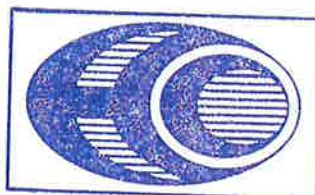
Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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)

03/09/2022

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

COPY

Test Report

Request No : W6509135

Report No : 6509-1296

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65090584

Sample Name : Effluent**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWT2020)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
20/09/2022



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

COPY

Test Report

Request No : W6509135

Report No : 6509-1296

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65090584

Sample Name : Effluent**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,540	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤ 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. ** = These data are non laboratory data.

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

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
20/09/2022

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

Test Report

Request No : W6509135

Report No : 6509-1296

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65090584

Sample Name : Effluent**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTPL-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
20/09/2022

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

Test Report

Request No : W6509312

Report No : 6509-1785

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091316

Sample Name : Effluent**

Sampling Date : 12/09/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 23/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.6	≤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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,336	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	12	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	18	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

27/09/2022

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



Test Report

Request No : W6509312

Report No : 6509-1785

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 : 13/09/2022 - 23/09/2022

Sample No : W 65091316

Sampling Date : 12/09/2022

Sampling Time : 9:20 AM

Received Date : 13/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	360	-

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]

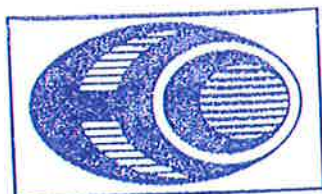
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

27/09/2022

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

COPY

Test Report

Request No : W6509446

Report No : 6509-2171

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091685

Sample Name : Effluent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

Parameter	Unit	Method	Result	Standard/I
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)	3.8	≤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. /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. Weerachai Porjai (จ-003-จ-8896)*

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

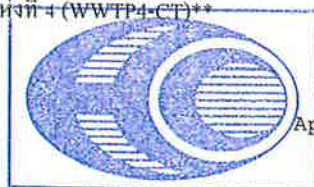
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-จ-2205)

30/09/2022

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

Test Report

Request No : W6509446

Report No : 6509-2171

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091685

Sample Name : Effluent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

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)	1,296	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	26	≤ 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. Weerachai Porjai (จ-003-จ-8896)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/09/2022

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

COPY

Test Report

Request No : W6509446

Report No : 6509-2171

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091685

Sample Name : Effluent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

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. /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. Weerachai Porjai (จ-003-จ-8896)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/09/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/09/2022

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

Test Report

Request No : W6509561

Report No : 6510-0269

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65092063

Sample Name : Effluent**

Sampling Date : 26/09/2022**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

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)	1,472	≤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)	18	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/10/2022

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



Test Report

Request No : W6509561

Report No : 6510-0269

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 : 27/09/2022 - 01/10/2022

Sample No : W 65092063

Sampling Date : 26/09/2022

Sampling Time : 10:50 AM

Received Date : 27/09/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	336	-

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]

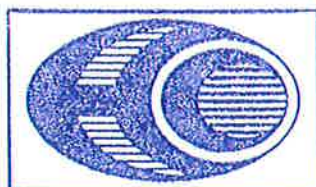
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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)

05/10/2022

Test Report

Request No : W6510049

Report No : 6601-0138

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100255

Sample Name : Effluent**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0020	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤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. /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. ** = These data are non laboratory data.

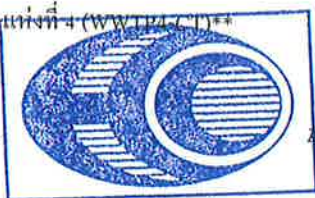
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-C1)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0138

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100255

Sample Name : Effluent**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022


Reported Date : 04/01/2023

Parameter	Unit	Method	Result	Standard/ ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	25	≤300
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	25	≤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)

- @ = 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.
- Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
- * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)*
- ** = These data are non laboratory data.
- ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

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

Test Report

Request No : W6510049

Report No : 6601-0138

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100255

Sample Name : Effluent**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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	6.7	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. /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.

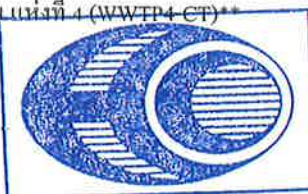
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

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 : 04/10/2022 - 12/10/2022

Sample No : W 65100255

Sampling Date : 03/10/2022**

Sampling Time : 9:50 AM**

Received Date : 04/10/2022

Reported Date : 04/01/2023

Request No : W6510049

Report No : 6601-0138

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 -S ₂ - F)	0.57	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,232	≤ 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 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. Songpon Phiwuan (ว-003-ค-7279)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
04/01/2023

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 : 04/10/2022 - 12/10/2022

Sample No : W 65100255

Sampling Date : 03/10/2022**

Sampling Time : 9:50 AM**

Received Date : 04/10/2022

Reported Date : 04/01/2023


Request No : W6510049

Report No : 6601-0138


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)	0.17	≤ 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. /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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0138

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65100255

Sample Name : Effluent

Sampling Date : 03/10/2022

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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. /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. Songpon Phiwan (๖-๐๐3-๓-๖๖๖)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/01/2023

Request No. W6510049

Report No. 6601-0138

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ## Sample No. : W 65100255
Sample Name : Effluent Sampling Date : 03/10/2022
Sampling By : ETC Sampling Time : 9:50 AM
Sampling Method : Grab Received Date : 04/10/2022
Tested Date : 04/10/2022 – 12/10/2022 Reported Date : 04/01/2023

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, 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. Songpon Phiwuan (ว-003-ค-7279)
4. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)

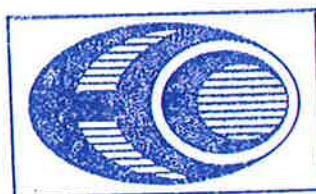
Examined By



(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

(ว-003-ค-2205)

04/01/2023

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

COPY

Test Report

Request No : W6510272

Report No : 6510-1648

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 : 12/10/2022 - 21/10/2022

Sample No : W 65101100
Sampling Date : 10/10/2022**
Sampling Time : 10:35 AM**
Received Date : 11/10/2022
Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.6	≤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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,302	≤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)	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. Supharerk Phatklang (จ-003-จ-5637)*

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

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

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/10/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/10/2022

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

COPY

Test Report

Request No : W6510272

Report No : 6510-1648

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65101100

Sample Name : Effluent

Sampling Date : 10/10/2022

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 11/10/2022

Tested Date : 12/10/2022 - 21/10/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	335	-

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 (๖-๐๐3-๖-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
26/10/2022

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

COPY

Test Report

Request No : W6510420, W 6512322

Report No : 6510-1966-1, 6512-1344

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65101500, W 65121192

Sample Name : Effluent**

Sampling Date : 17/10/2022, 12/12/2022**

Sampling By : ETC**

Sampling Time : 10:40 AM, 10:15 AM**

Sampling Method : Grab**

Received Date : 18/10/2022, 13/12/2022

Tested Date : 18/10/2022 - 26/10/2022

Reported Date : 21/12/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0047	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.4	≤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 : 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./2 Sample No. W65121192 : Sampling Date 12/12/2022 (10:15 AM) : Tested Date 13/12/2022 - 16/12/2022

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

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

6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

21/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

21/12/2022

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 : 18/10/2022 - 26/10/2022

Request No : W6510420, W 6512322
Report No : 6510-1966-1, 6512-134
Sample No : W 65101500, W 65121192
Sampling Date : 17/10/2022, 12/12/2022**
Sampling Time : 10:40 AM, 10:15 AM**
Received Date : 18/10/2022, 13/12/2022
Reported Date : 21/12/2022

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)	0.22	≤ 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)	1,364	≤ 3000
Total Suspended Solids #/2	mg/l	Dried at 103-105 C (SM:2540D)	15	≤ 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./2 Sample No. W65121192 : Sampling Date 12/12/2022 (10:15 AM) : Tested Date 13/12/2022 - 16/12/2022
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. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)*
6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
21/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
21/12/2022

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 : 18/10/2022 - 26/10/2022

Request No : W6510420, W 6512322
Report No : 6510-1966-1, 6512-1344
Sample No : W 65101500, W 65121192
Sampling Date : 17/10/2022, 12/12/2022**
Sampling Time : 10:40 AM, 10:15 AM**
Received Date : 18/10/2022, 13/12/2022
Reported Date : 21/12/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.36	≤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./2 Sample No. W65121192 : Sampling Date 12/12/2022 (10:15 AM) : Tested Date 13/12/2022 - 16/12/2022

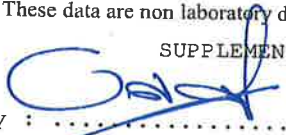
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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


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

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

6. ** = These data are non laboratory data. / ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
21/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
21/12/2022

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 : 27/10/2022 - 03/11/2022

Request No : W6510574

Report No : 6511-0590

Sample No : W 65102014

Sampling Date : 26/10/2022**

Sampling Time : 10:35 AM**

Received Date : 27/10/2022

Reported Date : 08/11/2022

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	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,400	≤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)	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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

08/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

08/11/2022

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

COPY

Test Report

Request No : W6510574

Report No : 6511-0590

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 : 27/10/2022 - 03/11/2022

Sample No : W 65102014

Sampling Date : 26/10/2022

Sampling Time : 10:35 AM

Received Date : 27/10/2022

Reported Date : 08/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	408	-

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)
08/11/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6511203

Report No : 6511-1384

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65110836

Sample Name : Effluent**

Sampling Date : 07/11/2022**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab*

Received Date : 08/11/2022

Tested Date : 08/11/2022 - 16/11/2022

Reported Date : 18/11/2022

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)	5.4	≤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 : 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางโรงงาน แห่งที่ 4 (WWTR4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/11/2022

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

COPY

Test Report

Request No : W6511203


Report No : 6511-1384

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 : 08/11/2022 - 16/11/2022
Sample No : W 65110836
Sampling Date : 07/11/2022**
Sampling Time : 9:40 AM**
Received Date : 08/11/2022
Reported Date : 18/11/2022


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)	0.12	≤ 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)	1,670	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	24	≤ 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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/11/2022

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 : 08/11/2022 - 16/11/2022

Sample No : W 65110836

Sampling Date : 07/11/2022**

Sampling Time : 9:40 AM**

Received Date : 08/11/2022

Reported Date : 18/11/2022

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, 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CF)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/11/2022

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

Test Report

Request No : W6511359

Report No : 6511-1865

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65111273

Sample Name : Effluent**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 19/11/2022

Reported Date : 24/11/2022

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.7	≤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	7.1	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,904	≤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)	37	≤50

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 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางรูปภาพ แห่งที่ 4 (WWTP4-CPI)

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
24/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
24/11/2022

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

COPY

Test Report

Request No : W6511359

Report No : 6511-1865

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65111273

Sample Name : Effluent

Sampling Date : 14/11/2022

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 19/11/2022

Reported Date : 24/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	528	-

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]

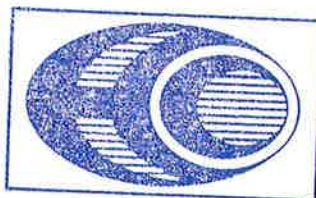
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 (3-003-ค-7279)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

24/11/2022

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 : 22/11/2022 - 26/11/2022

Request No : W6511500
Report No : 6511-2103
Sample No : W 65111672
Sampling Date : 21/11/2022**
Sampling Time : 9:45 AM**
Received Date : 22/11/2022
Reported Date : 29/11/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic*	mg/l	Digestion, Inductively Coupled Plasma Method	< 0.10	≤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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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 Phiwuan (จ-003-ค-7279)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W-003-ค-2205)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/11/2022

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 : 22/11/2022 - 26/11/2022

Sample No : W 65111672

Sampling Date : 21/11/2022**

Sampling Time : 9:45 AM**

Received Date : 22/11/2022

Reported Date : 29/11/2022

Parameter	Unit	Method	Result	Standard/1
Mercury *	mg/l	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤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)	2,044	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	21	≤50
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤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-ก-7279)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 4 (WWTP)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
29/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
29/11/2022

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 : 29/11/2022 - 05/12/2022

Request No : W6511604
Report No : 6512-0823
Sample No : W 65112015
Sampling Date : 28/11/2022**
Sampling Time : 10:47 AM**
Received Date : 29/11/2022
Reported Date : 13/12/2022

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)	57	≤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)	1,716	≤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)	44	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
13/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
13/12/2022

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 : 29/11/2022 - 05/12/2022

Request No : W6511604
Report No : 6512-0823
Sample No : W 65112015
Sampling Date : 28/11/2022
Sampling Time : 10:47 AM
Received Date : 29/11/2022
Reported Date : 13/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	413	

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. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)
4.## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-CT)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Examined By :

(Miss Apiradee Chuen-arom)

13/12/2022

COPY

Test Report

Request No : W6512123

Report No : 6512-1091


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 : 06/12/2022 - 15/12/2022

Sample No : W 65120561
Sampling Date : 05/12/2022**
Sampling Time : 10:05 AM**
Received Date : 06/12/2022
Reported Date : 19/12/2022


Parameter	Unit	Method	Result	Standard ¹
Arsenic*	mg/l	Digestion, Inductively Coupled Plasma Method	< 0.10	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.4	≤ 20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead @	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2

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 Pornpinan Viriyakusolkul (ว-003-จ-8334)*
5. ** = These data are non laboratory data.
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-BCT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
19/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
19/12/2022

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 : Gra**b

Tested Date : 06/12/2022 - 15/12/2022

Request No : W6512123

Report No : 6512-1091

Sample No : W 65120561

Sampling Date : 05/12/2022**

Sampling Time : 10:05 AM**

Received Date : 06/12/2022

Reported Date : 19/12/2022

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 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	29	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,914	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤ 50
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤ 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 Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

19/12/2022

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

COPY

Test Report

Request No : W6512321

Report No : 6512-1473

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 : 13/12/2022 - 20/12/2022
Sample No : W 65121190
Sampling Date : 12/12/2022**
Sampling Time : 10:15 AM**
Received Date : 13/12/2022
Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.9	≤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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,780	≤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)	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 Mr. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (จ-003-จ-5637)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
22/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
22/12/2022



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

COPY

Test Report

Request No : W6512321

Report No : 6512-1473

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65121190

Sample Name : Effluent

Sampling Date : 12/12/2022

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 13/12/2022

Tested Date : 13/12/2022 - 20/12/2022

Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	473	

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 (๖-003-๖-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :



(Miss Apiradee Chuen-arom)

22/12/2022

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 : 21/06/2022 - 28/06/2022

Request No : W6506512
Report No : 6506-2255
Sample No : W 65061836
Sampling Date : 20/06/2022**
Sampling Time : 9:35 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0037	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.1	≤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 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-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางถนนสีดาวเพ*

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

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

Test Report

Request No : W6506512

Report No : 6506-2255

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แหล่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 21/06/2022 - 28/06/2022

Sample No : W 65061836
Sampling Date : 20/06/2022**
Sampling Time : 9:35 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

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)	956	≤ 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-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

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

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 : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 21/06/2022 - 28/06/2022

Request No : W6506512
Report No : 6506-2255
Sample No : W 65061836
Sampling Date : 20/06/2022**
Sampling Time : 9:35 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard/I
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. Supharek Phatklang (1-003-1-5637)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-1-4377)

02/07/2022



บริษัท สีสเพินไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-1-2205)

02/07/2022

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 : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 28/06/2022 - 05/07/2022

Request No : W6506640
Report No : 6507-0608
Sample No : W 65062270
Sampling Date : 27/06/2022**
Sampling Time : 11:28 AM**
Received Date : 28/06/2022
Reported Date : 07/07/2022

Paramcter	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)	41	≤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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	996	≤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 : 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. Nitchaphon Tonglor (ว-003-ก-5638)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

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

07/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)

07/07/2022

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 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 28/06/2022 - 05/07/2022

Request No : W6506640

Report No : 6507-0608

Sample No : W 65062270

Sampling Date : 27/06/2022

Sampling Time : 11:28 AM

Received Date : 28/06/2022

Reported Date : 07/07/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	267	-

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. 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. Nitchaphon Tonglor (ว-003-จ-5638)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

07/07/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/07/2022 - 01/08/2022

Sample No : W 65070389

Sampling Date : 04/07/2022**

Sampling Time : 9:30 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

Request No : W6507092

Report No : 6508-0179

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0048	≤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)	5.8	≤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)	57	≤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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางนครราชสีมา

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/08/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/07/2022 - 01/08/2022

Sample No : W 65070389

Sampling Date : 04/07/2022**

Sampling Time : 9:30 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

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 ^②	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. Supharerk Phatklang (จ-003-๓-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507092

Report No : 6508-0179

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65070389

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/07/2022**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 05/07/2022

Tested Date : 05/07/2022 - 01/08/2022

Reported Date : 03/08/2022

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	7.7	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. /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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507092

Report No : 6508-0179

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 : 05/07/2022 - 01/08/2022

Sample No : W 65070389

Sampling Date : 04/07/2022**

Sampling Time : 9:30 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.066	≤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	33	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	844	≤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)	13	≤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. Supharerk Phatklang (ว-003-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด...

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ท-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(ว-003-ท-2205)
03/08/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 05/07/2022 - 01/08/2022

Sample No : W 65070389

Sampling Date : 04/07/2022**

Sampling Time : 9:30 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

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)	0.18	≤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. 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)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/08/2022

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



Test Report

Request No : W6507092

Report No : 6508-0179

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65070389

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 04/07/2022

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 05/07/2022

Tested Date : 05/07/2022 - 01/08/2022

Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard/I
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. /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. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

03/08/2022

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

COPY

Request No. W6507092

Report No. 6508-0179

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 : 05/07/2022 – 01/08/2022
Sample No. : W 65070389
Sampling Date : 04/07/2022
Sampling Time : 9:30 AM
Received Date : 05/07/2022
Reported Date : 03/08/2022

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, 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. Supharker Phatklang (ว-003-จ-5637)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By
(Mr. Kawee Suthasub)

(ว-003-ค-2205)

03/08/2022

REPORTED TESTS 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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 12/07/2022 - 26/07/2022

Request No : W6507304

Report No : 6507-2045

Sample No : W 65071268
Sampling Date : 11/07/2022**
Sampling Time : 10:13 AM**
Received Date : 12/07/2022
Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.4	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	42	≤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)	1,010	≤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)	17	≤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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/07/2022

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

COPY



Test Report

Request No : W6507304

Report No : 6507-2045

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 : 12/07/2022 - 26/07/2022

Sample No : W 65071268

Sampling Date : 11/07/2022

Sampling Time : 10:13 AM

Received Date : 12/07/2022

Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	302	-

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 Pornpinan Viriyakusolkul (ว-003-จ-8334)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

29/07/2022

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

COPY

Test Report

Request No : W 6507414

Report No : 6508-0077

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65071558

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 19/07/2022

Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 02/08/2022

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)	3.0	≤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 : yellow, lightly SS

2. Container : Normal [PE 0.5 L (4 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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

02/08/2022



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

COPY

Test Report

Request No : W6507414

Report No : 6508-0077

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65071558

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 19/07/2022

Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 02/08/2022

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	29	≤40
Total Dissolved Solids [#]	mg/l	Dried at 180 C (SM:2540C)	1,036	≤3000
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	30	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L (4 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางสีเบญจมาศ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

02/08/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 19/07/2022 - 27/07/2022

Request No : W6507414

Report No : 6508-0077

Sample No : W 65071558

Sampling Date : 18/07/2022**

Sampling Time : 9:35 AM**

Received Date : 19/07/2022

Reported Date : 02/08/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L (4 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

02/08/2022

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

COPY

Test Report

Request No : W6507544

Report No : 6508-0501

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65071941

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 25/07/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 26/07/2022

Tested Date : 26/07/2022 - 01/08/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.8	≤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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,072	≤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)	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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม**

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

08/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

08/08/2022

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 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 26/07/2022 - 01/08/2022

Request No : W6507544

Report No : 6508-0501

Sample No : W 65071941

Sampling Date : 25/07/2022

Sampling Time : 10:20 AM

Received Date : 26/07/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	281	-

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 Pornpinan Viriyakusolkul (ว-003-จ-8334)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
08/08/2022

Test Report

Request No : W6508026

Report No : 6508-1106

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65080119

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 01/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 02/08/2022

Tested Date : 02/08/2022 - 11/08/2022

Reported Date : 17/08/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0037	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.0	≤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 [2 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 Jiraporn Pankong 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ**

Examined By :

(Miss Jiraporn Pankong)
(จ-003-ค-4445)
17/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
17/08/2022

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

COPY

Test Report

Request No : W6508026

Report No : 6508-1106

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65080119

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 01/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 02/08/2022

Tested Date : 02/08/2022 - 11/08/2022

Reported Date : 17/08/2022

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	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,284	≤ 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 [2 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 Jiraporn Pankong is Section Head / Mr. Kawee Suthasub is Technical Management.

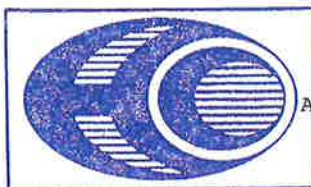
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Jiraporn Pankong)
(จ-003-ก-4445)
17/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
17/08/2022

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

COPY

Test Report

Request No : W6508026

Report No : 6508-1106

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 : 02/08/2022 - 11/08/2022

Sample No : W 65080119
Sampling Date : 01/08/2022**
Sampling Time : 9:20 AM**
Received Date : 02/08/2022
Reported Date : 17/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.29	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [2 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 Jiraporn Pankong 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 1**

Examined By :

(Miss Jiraporn Pankong)
(จ-003-ค-4445)
17/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
17/08/2022

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

COPY

Test Report

Request No : W6508213

Report No : 6508-1544

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65080849

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 08/08/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 09/08/2022

Tested Date : 09/08/2022 - 18/08/2022

Reported Date : 22/08/2022

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	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,104	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของอาคาร**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/08/2022

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

COPY

Test Report

Request No : W6508213

Report No : 6508-1544

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 : 09/08/2022 - 18/08/2022

Sample No : W 65080849
Sampling Date : 08/08/2022
Sampling Time : 9:10 AM
Received Date : 09/08/2022
Reported Date : 22/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	284	-

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]

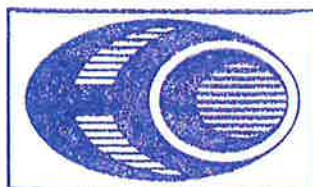
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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)

22/08/2022

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

COPY

Test Report

Request No : W6508342

Report No : 6509-1199

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65081331

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 19/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0027	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.9	≤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 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. Metee Sukprasert (จ-003-จ-8333)*

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

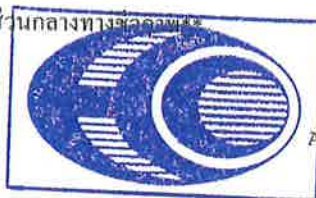
6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/09/2022

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

COPY

Test Report

Request No : W6508342

Report No : 6509-1199

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65081331

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 19/09/2022

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 AAS 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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,304	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤ 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. Metee Sukprasert (จ-003-จ-8333)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/09/2022

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

COPY

Test Report

Request No : W6508342

Report No : 6509-1199

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65081331

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 19/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	≤5

Physical Apperance : 1. Sample : 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. Metee Sukprasert (จ-003-จ-8333)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/09/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 23/08/2022 - 01/09/2022

Request No : W6508484
Report No : 6509-0209
Sample No : W 65081724
Sampling Date : 22/08/2022**
Sampling Time : 8:55 AM**
Received Date : 23/08/2022
Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.4	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	68	≤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	32	≤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)	7	≤100
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 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. ** = These data are non laboratory data.

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/09/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

Test Report

Request No : W6508484

Report No : 6509-0209

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65081724

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 22/08/2022

Sampling By : ETC

Sampling Time : 8:55 AM

Sampling Method : Grab

Received Date : 23/08/2022

Tested Date : 23/08/2022 - 01/09/2022

Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	310	-

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. Supharerk Phatklang (ว-003-จ-5637)

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

03/09/2022

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

Test Report

Request No : W 6509132

Report No : 6510-0336

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090578

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 06/10/2022

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)	4.7	≤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 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. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

06/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

06/10/2022

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

Test Report

Request No : W6509132

Report No : 6510-0336

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090578

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 06/10/2022

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)	1,128	≤ 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 [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-ท-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

06/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ท-2205)

06/10/2022

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

Test Report

Request No : W6509132

Report No : 6510-0336

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090578

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 06/10/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.19	≤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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
06/10/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
06/10/2022

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

Test Report

Request No : W6509310

Report No : 6510-0787

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091312

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 12/09/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 22/09/2022

Reported Date : 12/10/2022

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.0	≤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	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
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)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤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. /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. ** = These data are non laboratory data.

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

12/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

12/10/2022

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

Test Report

Request No : W6509310

Report No : 6510-0787

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091312

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 12/09/2022

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 22/09/2022

Reported Date : 12/10/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	251	

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]

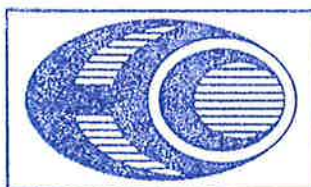
Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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. Songpon Phiwuan (ว-003-ค-7279)

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

12/10/2022

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

Test Report

Request No : W6509443

Report No : 6510-1651

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091680

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043	≤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 : 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. Weerachai Porjai (จ-003-จ-8896)*

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

6. ##บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัดนนทบุรี

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/10/2022

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

COPY

Test Report

Request No : W6509443

Report No : 6510-1651

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091680

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 26/10/2022

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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,044	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤ 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. Weerachai Porjai (จ-003-จ-8896)*

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/10/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 21/09/2022 - 28/09/2022

Sample No : W 65091680

Sampling Date : 19/09/2022**

Sampling Time : 9:35 AM**

Received Date : 20/09/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26	≤5

Physical Apperance : 1. Sample : 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. /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. Weerachai Porjai (จ-003-ท-8896)*

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/10/2022

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

Test Report

Request No : W6509558

Report No : 6510-0236

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65092058

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 26/09/2022**

Sampling By : ETC**

Sampling Time : 10:15 AM**

Sampling Method : Grab**

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.6	≤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	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,112	≤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)	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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/10/2022

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

Test Report

Request No : W6509558

Report No : 6510-0236

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65092058

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 26/09/2022

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	292	-

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]

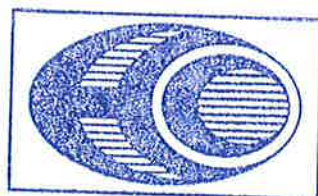
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 Pornpinan Viriyakusolkul (ว-003-จ-8334)

5. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

05/10/2022

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 : 04/10/2022 - 12/10/2022

Request No : W6510046
Report No : 6510-0894
Sample No : W 65100249
Sampling Date : 03/10/2022**
Sampling Time : 9:15 AM**
Received Date : 04/10/2022
Reported Date : 15/10/2022

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)	0.05	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.5	≤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 : 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. Songpon Phiwuan (จ-003-ค-7279)*

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด...

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
15/10/2022



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
15/10/2022

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

COPY

Test Report

Request No : W6510046

Report No : 6510-0894

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 : 04/10/2022 - 12/10/2022

Sample No : W 65100249
Sampling Date : 03/10/2022**
Sampling Time : 9:15 AM**
Received Date : 04/10/2022
Reported Date : 15/10/2022

Parameter	Unit	Method	Result	Standard ¹
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	31	≤300
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	31	≤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,

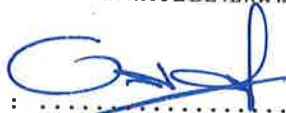
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัดฯ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
15/10/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
15/10/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 04/10/2022 - 12/10/2022


Request No : W6510046
Report No : 6510-0894

Sample No : W 65100249
Sampling Date : 03/10/2022**
Sampling Time : 9:15 AM**
Received Date : 04/10/2022
Reported Date : 15/10/2022

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	7.3	5.5-9.0


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. Songpon Phiwan (จ-003-ก-7279)*
5. ** = These data are non laboratory data.
6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
15/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
15/10/2022

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

COPY

Test Report

Request No : W6510046

Report No : 6510-0894

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100249

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 15/10/2022

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	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,096	≤ 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 : 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,

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. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชลประทาน**

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

15/10/2022

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

Test Report

Request No : W6510046

Report No : 6510-0894

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100249

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 15/10/2022

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)	0.28	≤ 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.

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. ** = These data are non laboratory data.

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

15/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

15/10/2022

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 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 04/10/2022 - 12/10/2022

Request No : W6510046

Report No : 6510-0894

Sample No : W 65100249

Sampling Date : 03/10/2022

Sampling Time : 9:15 AM

Received Date : 04/10/2022

Reported Date : 15/10/2022

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 : 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. Songpon Phiwuan (ว-003-ค-7279)*

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

15/10/2022

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

COPY

Request No. W6510046

Report No. 6510-0894

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No. : W 65100249
Sample Name : Holding Pond (แห่งที่ 1) Sampling Date : 03/10/2022
Sampling By : ETC Sampling Time : 9:15 AM
Sampling Method : Grab Received Date : 04/10/2022
Tested Date : 04/10/2022 – 12/10/2022 Reported Date : 15/10/2022

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, 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. Songpon Phiwuan (ว-003-ค-7279)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ


Examined By 
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

15/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)

(ว-003-ค-2205)

15/10/2022

REPORTED TESTS 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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 12/10/2022 - 21/10/2022

Request No : W6510270
Report No : 6510-1644

Sample No : W 65101096
Sampling Date : 10/10/2022**
Sampling Time : 10:05 AM**
Received Date : 11/10/2022
Reported Date : 26/10/2022

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)	< 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	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,048	≤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.

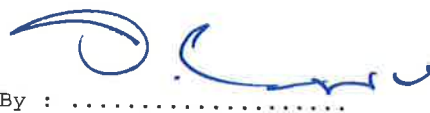
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 1

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
26/10/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-จ-2205)
26/10/2022

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

Test Report

Request No : W6510270

Report No : 6510-1644

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 : 12/10/2022 - 21/10/2022

Sample No : W 65101096

Sampling Date : 10/10/2022

Sampling Time : 10:05 AM

Received Date : 11/10/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	245	-

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 (2-003-จ-5637)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/10/2022

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 : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 18/10/2022 - 26/10/2022


Request No : W6510417
Report No : 6510-1802

Sample No : W 65101495
Sampling Date : 17/10/2022**
Sampling Time : 10:20 AM**
Received Date : 18/10/2022
Reported Date : 28/10/2022

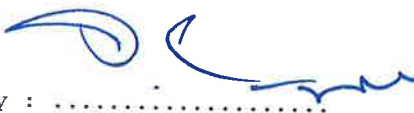
Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0026	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.2	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
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 Mr. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียห้วยน้อย, อ.เมือง, จ.นครราชสีมา

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/10/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/10/2022

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

COPY

Test Report

Request No : W6510417

Report No : 6510-1802

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 18/10/2022 - 26/10/2022

Sample No : W 65101495

Sampling Date : 17/10/2022**

Sampling Time : 10:20 AM**

Received Date : 18/10/2022

Reported Date : 28/10/2022

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	29	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,148	≤ 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/10/2022

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 1)
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 18/10/2022 - 26/10/2022

Request No : W6510417
Report No : 6510-1802

Sample No : W 65101495
Sampling Date : 17/10/2022**
Sampling Time : 10:20 AM**
Received Date : 18/10/2022
Reported Date : 28/10/2022

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. Parkpoom Buasawad (จ-003-ค-7280)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/10/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/10/2022 - 03/11/2022

Request No : W6510571
Report No : 6511-0586
Sample No : W 65102009
Sampling Date : 26/10/2022**
Sampling Time : 10:10 AM**
Received Date : 27/10/2022
Reported Date : 08/11/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.6	≤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	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,168	≤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 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 (๖-003-๖-8334)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(๖-003-๖-4377)
08/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(๖-003-๖-2205)
08/11/2022

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

COPY

Test Report

Request No : W6510571

Report No : 6511-0586

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 : 27/10/2022 - 03/11/2022

Sample No : W 65102009

Sampling Date : 26/10/2022

Sampling Time : 10:10 AM

Received Date : 27/10/2022

Reported Date : 08/11/2022

Parameter	Unit	Method	Result	Standard/1
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	254	-

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)
08/11/2022

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

COPY

Test Report

Request No : W6511200

Report No : 6511-1380

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65110830

Sample Name : Holding Pond (แหล่งที่ 1)**

Sampling Date : 07/11/2022**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 08/11/2022

Tested Date : 08/11/2022 - 16/11/2022

Reported Date : 18/11/2022

Parameter	Unit	Method	Result	Standard/ ^l
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0049	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.7	≤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 Miss Pornpinan Viriyakusolkul (จ-003-ก-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางสถานีประปา

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/11/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 08/11/2022 - 16/11/2022

Request No : W6511200
Report No : 6511-1380
Sample No : W 65110830
Sampling Date : 07/11/2022**
Sampling Time : 8:45 AM**
Received Date : 08/11/2022
Reported Date : 18/11/2022


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	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,148	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/11/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/11/2022 - 16/11/2022

Sample No : W 65110830

Sampling Date : 07/11/2022**

Sampling Time : 8:45 AM**

Received Date : 08/11/2022

Reported Date : 18/11/2022

Request No : W6511200

Report No : 6511-1380

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวงหมายเลข 3

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
18/11/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 15/11/2022 - 19/11/2022

Sample No : W 65111268

Sampling Date : 14/11/2022**

Sampling Time : 10:25 AM**

Received Date : 15/11/2022

Reported Date : 23/11/2022

Request No : W6511356

Report No : 6511-1767

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.8	≤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	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,272	≤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 : 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

23/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

23/11/2022

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

COPY

Test Report

Request No : W6511356

Report No : 6511-1767

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 : 15/11/2022 - 19/11/2022

Sample No : W 65111268

Sampling Date : 14/11/2022

Sampling Time : 10:25 AM

Received Date : 15/11/2022

Reported Date : 23/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	281	-

Physical Apperance : 1. Sample : lightly SS

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

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

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

3. 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)

23/11/2022

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

COPY

Test Report

Request No : W6511497

Report No : 6511-2101

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65111667

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 21/11/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 22/11/2022


Tested Date : 22/11/2022 - 26/11/2022

Reported Date : 29/11/2022

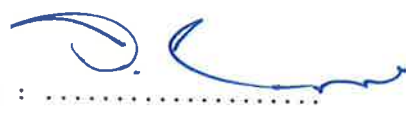
Parameter	Unit	Method	Result	Standard ¹
Arsenic*	mg/l	Digestion, Inductively Coupled Plasma Method	< 0.10	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.3	≤ 20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead @	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2

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 Phiwan (จ-003-ก-7279)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
29/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
29/11/2022

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 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 22/11/2022 - 26/11/2022

Sample No : W 65111667

Sampling Date : 21/11/2022**

Sampling Time : 9:00 AM**

Received Date : 22/11/2022

Reported Date : 29/11/2022

Request No : W6511497

Report No : 6511-2101

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/l	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤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)	< 5	≤50
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	≤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 (ว-003-ท-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

29/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

29/11/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 29/11/2022 - 05/12/2022

Request No : W6511602
Report No : 6512-0248
Sample No : W 65112011
Sampling Date : 28/11/2022**
Sampling Time : 9:15 AM**
Received Date : 29/11/2022
Reported Date : 07/12/2022


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	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,100	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
07/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
07/12/2022

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 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 29/11/2022 - 05/12/2022

Request No : W6511602

Report No : 6512-0248

Sample No : W 65112011

Sampling Date : 28/11/2022

Sampling Time : 9:15 AM

Received Date : 29/11/2022

Reported Date : 07/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	251	

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)

07/12/2022

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

COPY

Test Report

Request No : W6512120

Report No : 6512-1098

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65120555

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 05/12/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 06/12/2022

Tested Date : 06/12/2022 - 15/12/2022

Reported Date : 19/12/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic*	mg/l	Digestion, Inductively Coupled Plasma Method	< 0.10	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.0	≤ 20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead @	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(2 Bottle) , PE 1.0 L , E 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 (ว-003-ท-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ท-4377)
19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ท-2205)
19/12/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 06/12/2022 - 15/12/2022

Request No : W6512120
Report No : 6512-1098
Sample No : W 65120555
Sampling Date : 05/12/2022**
Sampling Time : 9:25 AM**
Received Date : 06/12/2022
Reported Date : 19/12/2022

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤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)	1,224	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤5


Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L(2 Bottle) , PE 1.0 L , E 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/12/2022

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 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/12/2022 - 20/12/2022

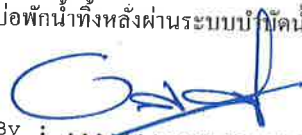
Sample No : W 65121186
Sampling Date : 12/12/2022**
Sampling Time : 9:45 AM**
Received Date : 13/12/2022
Reported Date : 22/12/2022

Request No : W6512319
Report No : 6512-1469


Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.3	≤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	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)	1,168	≤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. /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 Phatkiang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
22/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
22/12/2022

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

COPY

Test Report

Request No : W6512319

Report No : 6512-1469

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 : 13/12/2022 - 20/12/2022

Sample No : W 65121186

Sampling Date : 12/12/2022

Sampling Time : 9:45 AM

Received Date : 13/12/2022

Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	259	

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 Phatkiang (๖-003-๖-5637)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

22/12/2022

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 : 21/06/2022 - 28/06/2022

Sample No : W 65061842
Sampling Date : 20/06/2022**
Sampling Time : 10:10 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

Request No : W6506515
Report No : 6506-2260

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)	3.6	≤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, 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

02/07/2022

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

COPY

Test Report

Request No : W6506515

Report No : 6506-2260

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65061842

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 20/06/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 21/06/2022

Tested Date : 21/06/2022 - 28/06/2022

Reported Date : 02/07/2022

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)	0.18	≤ 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	33	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,168	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	13	≤ 50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

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

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 : 21/06/2022 - 28/06/2022

Request No : W6506515
Report No : 6506-2260
Sample No : W 65061842
Sampling Date : 20/06/2022**
Sampling Time : 10:10 AM**
Received Date : 21/06/2022
Reported Date : 02/07/2022

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, 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-003-๑-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-๑-4377)

02/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-๑-2205)

02/07/2022

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 : 28/06/2022 - 05/07/2022

Sample No : W 65062275

Sampling Date : 27/06/2022**

Sampling Time : 11:15 AM**

Received Date : 28/06/2022

Reported Date : 07/07/2022

Request No : W6506642

Report No : 6507-0593

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.3	≤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	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)	1,160	≤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 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. Nitchaphon Tonglor (ว-003-จ-5638)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)

07/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)

07/07/2022

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

Test Report

Request No : W6506642

Report No : 6507-0593

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 : 28/06/2022 - 05/07/2022

Sample No : W 65062275

Sampling Date : 27/06/2022

Sampling Time : 11:15 AM

Received Date : 28/06/2022

Reported Date : 07/07/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	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. /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. Nitchaphon Tonglor (7-003-0-5638)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2022

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 : 05/07/2022 - 01/08/2022

Sample No : W 65070397

Sampling Date : 04/07/2022**

Sampling Time : 10:10 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

Request No : W6507096

Report No : 6508-0195

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0047	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.4	≤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)	57	≤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. /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)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/08/2022

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 : 05/07/2022 - 01/08/2022

Sample No : W 65070397

Sampling Date : 04/07/2022**

Sampling Time : 10:10 AM**

Received Date : 05/07/2022

Reported Date : 03/08/2022

Request No : W6507096

Report No : 6508-0195

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. /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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507096

Report No : 6508-0195

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65070397

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/07/2022**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 05/07/2022

Tested Date : 05/07/2022 - 01/08/2022

Reported Date : 03/08/2022

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)	0.07	≤ 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 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. @ = 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)

03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/08/2022

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 : 05/07/2022 - 01/08/2022

Request No : W6507096
Report No : 6508-0195
Sample No : W 65070397
Sampling Date : 04/07/2022**
Sampling Time : 10:10 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022


Parameter	Unit	Method	Result	Standard ¹
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.029	≤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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,310	≤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)	29	≤50

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. Supharerk Phatklang (จ-003-ก-5637)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ก-2205)
03/08/2022

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 : 05/07/2022 - 01/08/2022


Request No : W6507096
Report No : 6508-0195

Sample No : W 65070397
Sampling Date : 04/07/2022**
Sampling Time : 10:10 AM**
Received Date : 05/07/2022
Reported Date : 03/08/2022

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)	0.46	≤ 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. 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)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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 : 05/07/2022 - 01/08/2022

Request No : W6507096
Report No : 6508-0195
Sample No : W 65070397
Sampling Date : 04/07/2022
Sampling Time : 10:10 AM
Received Date : 05/07/2022
Reported Date : 03/08/2022

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

4.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
03/08/2022

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

COPY

Request No. W6507096

Report No. 6508-0195


TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No. : W 65070397
Sample Name : Holding Pond (แห่งที่ 2) Sampling Date : 04/07/2022
Sampling By : ETC Sampling Time : 10:10 AM
Sampling Method : Grab Received Date : 05/07/2022
Tested Date : 05/07/2022 - 01/08/2022 Reported Date : 03/08/2022

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, 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. Supharerk Phatklang (ว-003-จ-5637)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
03/08/2022

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

COPY

Test Report

Request No : W6507306

Report No : 6507-2048

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 65071273

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 11/07/2022**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 12/07/2022

Tested Date : 12/07/2022 - 26/07/2022

Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.5	≤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)	1,470	≤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)	16	≤50

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/07/2022

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 : 12/07/2022 - 26/07/2022

Request No : W6507306

Report No : 6507- 2048

Sample No : W 65071273

Sampling Date : 11/07/2022

Sampling Time : 10:40 AM

Received Date : 12/07/2022

Reported Date : 29/07/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	362	-

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. 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)
29/07/2022

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

COPY

Test Report

Request No : W6507417

Report No : 6508-0192

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 65071564

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 19/07/2022


Tested Date : 19/07/2022 - 27/07/2022

Reported Date : 03/08/2022


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 , (4 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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

COPY

Test Report

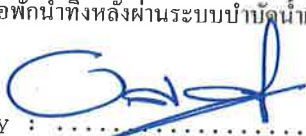
Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 19/07/2022 - 27/07/2022

Request No : W6507417
Report No : 6508-0192
Sample No : W 65071564
Sampling Date : 18/07/2022**
Sampling Time : 9:55 AM**
Received Date : 19/07/2022
Reported Date : 03/08/2022


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)	0.32	≤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	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,728	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	13	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L , (4 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
03/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ท-2205)
03/08/2022

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 : 19/07/2022 - 27/07/2022

Request No : W6507417

Report No : 6508-0192

Sample No : W 65071564

Sampling Date : 18/07/2022**

Sampling Time : 9:55 AM**

Received Date : 19/07/2022

Reported Date : 03/08/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.40	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L , (4 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
03/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/08/2022

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 : 26/07/2022 - 03/08/2022

Request No : W 6507546

Report No : 6508-0499

Sample No : W 65071946

Sampling Date : 25/07/2022**

Sampling Time : 10:02 AM**

Received Date : 26/07/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.4	≤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	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,660	≤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 Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

08/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

08/08/2022

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

COPY

Test Report

Request No : W6507546

Report No : 6508-0499

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 : 26/07/2022 - 03/08/2022

Sample No : W 65071946

Sampling Date : 25/07/2022

Sampling Time : 10:02 AM

Received Date : 26/07/2022

Reported Date : 08/08/2022

Parameter	Unit	Method	Result	Standard/I
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	275	-

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 Pompinan Viriyakusolkul (ว-003-จ-8334)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

08/08/2022

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 : 02/08/2022 - 11/08/2022

Sample No : W 65080126
Sampling Date : 01/08/2022**
Sampling Time : 10:00 AM**
Received Date : 02/08/2022
Reported Date : 03/09/2022

Request No : W6508029
Report No : 6509- 0231

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0028	≤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 : 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.

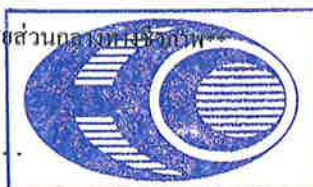
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)
03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

Test Report

Request No : W6508029

Report No : 6509- 0231

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65080126

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 01/08/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 02/08/2022

Tested Date : 02/08/2022 - 11/08/2022

Reported Date : 03/09/2022

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 AAS Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.11	≤ 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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,828	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	20	≤ 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/09/2022

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 : 02/08/2022 - 11/08/2022

Request No : W6508029
Report No : 6509- 0231

Sample No : W 65080126
Sampling Date : 01/08/2022**
Sampling Time : 10:00 AM**
Received Date : 02/08/2022
Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.44	≤5

Physical Apperance : 1. Sample : 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. 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)
03/09/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
03/09/2022

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

Test Report

Request No : W6508216

Report No : 6508-1813

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65080855

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 08/08/2022**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 09/08/2022

Tested Date : 09/08/2022 - 23/08/2022

Reported Date : 25/08/2022

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.1	≤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	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,720	≤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)	18	≤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 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-ก-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางสีทอง**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

25/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

25/08/2022

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

COPY

Test Report

Request No : W6508216

Report No : 6508-1813

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 : 09/08/2022 - 23/08/2022

Sample No : W 65080855

Sampling Date : 08/08/2022

Sampling Time : 9:35 AM

Received Date : 09/08/2022

Reported Date : 25/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	255	-

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)

25/08/2022

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

COPY

Test Report

Request No : W6508345

Report No : 6508-1987

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 65081337

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 30/08/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0035	≤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 : 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 (ว-003-ค-7281) *

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

30/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

30/08/2022

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

Test Report

Request No : W6508345

Report No : 6508-1987

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65081337

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 16/08/2022

Tested Date : 16/08/2022 - 26/08/2022

Reported Date : 30/08/2022

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)	0.19	≤ 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	32	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,612	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	19	≤ 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
30/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
30/08/2022

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 : 16/08/2022 - 26/08/2022


Request No : W6508345
Report No : 6508-1987

Sample No : W 65081337
Sampling Date : 15/08/2022**
Sampling Time : 9:20 AM**
Received Date : 16/08/2022
Reported Date : 30/08/2022


Parameter	Unit	Method	Result	Standard/ ^l
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 Miss Janthanee Saiphan (จ-003-ค-7281) *
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางหอพักโรงแรม**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/08/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/08/2022

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 : 23/08/2022 - 01/09/2022

Request No : W6508488

Report No : 6509-0228

Sample No : W 65081731

Sampling Date : 22/08/2022**

Sampling Time : 9:25 AM**

Received Date : 23/08/2022

Reported Date : 03/09/2022

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)	43	≤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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,540	≤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)	17	≤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. 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)

03/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

03/09/2022

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 : 23/08/2022 - 01/09/2022

Request No : W6508488

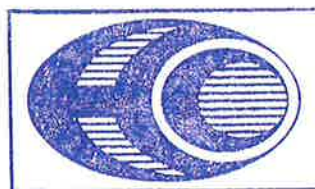
Report No : 6509 -0228

Sample No : W 65081731
Sampling Date : 22/08/2022
Sampling Time : 9:25 AM
Received Date : 23/08/2022
Reported Date : 03/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	428	-

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 (1-003-จ-5637)
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
03/09/2022

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

COPY

Test Report

Request No : W6509135

Report No : 6509-1297

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090585

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0023	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.3	≤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 : 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
20/09/2022

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

Test Report

Request No : W6509135

Report No : 6509-1297

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090585

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,540	≤ 3000
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 [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. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางโรงงาน

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

20/09/2022

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

Test Report

Request No : W6509135

Report No : 6509-1297

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65090585

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 05/09/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 06/09/2022

Tested Date : 06/09/2022 - 15/09/2022

Reported Date : 20/09/2022

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. Supharek Phatklang (จ-003-จ-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
20/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
20/09/2022

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

Test Report

Request No : W6509312

Report No : 6509-1786

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091317

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 12/09/2022**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 13/09/2022

Tested Date : 13/09/2022 - 24/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.0	≤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)	1,408	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	42	≤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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

27/09/2022

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

Test Report

Request No : W6509312

Report No : 6509-1786

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 : 13/09/2022 - 24/09/2022

Sample No : W 65091317

Sampling Date : 12/09/2022

Sampling Time : 9:25 AM

Received Date : 13/09/2022

Reported Date : 27/09/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	378	-

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)

27/09/2022

Test Report

Request No : W6509446

Report No : 6509-2172

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091686

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

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 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. Weerachai Porjai (จ-003-จ-8896)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/09/2022

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

COPY

Test Report

Request No : W6509446

Report No : 6509-2172

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091686

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

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)	1,308	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	19	≤ 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.

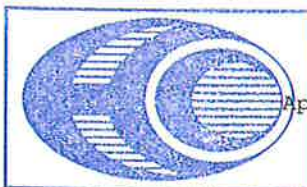
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Weerachai Porjai (จ-003-จ-8896)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)
30/09/2022

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

Test Report

Request No : W6509446

Report No : 6509-2172

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65091686

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 20/09/2022

Tested Date : 21/09/2022 - 28/09/2022

Reported Date : 30/09/2022

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. /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. Weerachai Porjai (จ-003-จ-8896)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
30/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
30/09/2022

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

Test Report

Request No : W6509561

Report No : 6510-0270

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65092064

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 26/09/2022**

Sampling By : ETC**

Sampling Time : 10:55 AM**

Sampling Method : Grab**

Received Date : 27/09/2022

Tested Date : 27/09/2022 - 01/10/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard/l
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	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,480	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	13	≤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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
05/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
05/10/2022

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

Test Report

Request No : W6509561

Report No : 6510-0270

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 : 27/09/2022 - 01/10/2022

Sample No : W 65092064

Sampling Date : 26/09/2022

Sampling Time : 10:55 AM

Received Date : 27/09/2022

Reported Date : 05/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	375	

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

05/10/2022

Test Report

Request No : W6510049

Report No : 6601-0139

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0027	≤0.25
Barium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤1
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.7	≤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)	< 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. /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. ** = These data are non laboratory data.

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมอุตสาหกรรม

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

Test Report

Request No : W6510049

Report No : 6601-0139

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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)	25	≤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 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. @ = 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. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0139

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

Parameter	Unit	Method	Result	Standard/l
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)	0.08	≤ 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. Songpon Phiwuan (จ-003-ค-7279)*
5. ** = These data are non laboratory data.
6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0139

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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 -S ₂ - F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method	31	≤ 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)	16	≤ 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. Songpon Phiwuan (จ-003-ก-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
04/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0139

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 03/10/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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)	0.17	≤ 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. /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. ** = These data are non laboratory data.

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลนคร...

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
04/01/2023



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
04/01/2023

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

COPY

Test Report

Request No : W6510049

Report No : 6601-0139

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65100256

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 03/10/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 04/10/2022

Tested Date : 04/10/2022 - 12/10/2022

Reported Date : 04/01/2023

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]

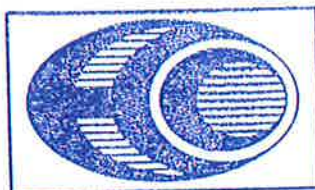
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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. Songpon Phiwan (ว-003-ค-7279)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/01/2023

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

COPY

Request No. W6510049

Report No. 6601-0139

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No. : W 65100256
Sample Name : Holding Pond (แห่งที่ 2) Sampling Date : 03/10/2022
Sampling By : ETC Sampling Time : 10:00 AM
Sampling Method : Grab Received Date : 04/10/2022
Tested Date : 04/10/2022 – 12/10/2022 Reported Date : 04/01/2023


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, 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. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Songpon Phivuan (ว-003-ก-7279)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีภาพ

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
04/01/2023



Approved By 
(Mr. Kawee Suthasub)
(ว-003-ก-2205)
04/01/2023

REPORTED TESTS 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 : 12/10/2022 - 21/10/2022

Request No : W6510272
Report No : 6510-1649
Sample No : W 65101101
Sampling Date : 10/10/2022**
Sampling Time : 10:30 AM**
Received Date : 11/10/2022
Reported Date : 26/10/2022

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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,492	≤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)	18	≤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. Supharek Phatklang (ว-003-ก-5637)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมือง...

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
26/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)
26/10/2022

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

COPY

Test Report

Request No : W6510272

Report No : 6510-1649

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 : 12/10/2022 - 21/10/2022

Sample No : W 65101101

Sampling Date : 10/10/2022

Sampling Time : 10:30 AM

Received Date : 11/10/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	370	-

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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
26/10/2022

Test Report

Request No : W6510420

Report No : 6510-1967

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65101501

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 17/10/2022**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 18/10/2022

Tested Date : 18/10/2022 - 26/10/2022

Reported Date : 31/10/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.5	≤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. 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)
31/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/10/2022

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

COPY

Test Report

Request No : W6510420

Report No : 6510-1967

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 : 18/10/2022 - 26/10/2022

Sample No : W 65101501
Sampling Date : 17/10/2022**
Sampling Time : 11:00 AM**
Received Date : 18/10/2022
Reported Date : 31/10/2022

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)	0.16	≤ 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	30	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,556	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	22	≤ 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. Parkpoom Buasawad (ว-003-ค-7280)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
31/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
31/10/2022

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

COPY

Test Report

Request No : W6510420

Report No : 6510-1967

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 65101501

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 17/10/2022**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 18/10/2022

Tested Date : 18/10/2022 - 26/10/2022

Reported Date : 31/10/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.36	≤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. 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)
31/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
31/10/2022

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

Test Report

Request No : W6510574

Report No : 6511-0591

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 65102015

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 26/10/2022**

Sampling By : ETC**

Sampling Time : 10:37 AM**

Sampling Method : Grab**

Received Date : 27/10/2022

Tested Date : 27/10/2022 - 03/11/2022

Reported Date : 08/11/2022

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)	48	≤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	32	≤40
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	1,544	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	12	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	19	≤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. ** = These data are non laboratory data.

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

08/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

08/11/2022

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

COPY



Test Report

Request No : W6510574

Report No : 6511-0591

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 : 27/10/2022 - 03/11/2022

Sample No : W 65102015

Sampling Date : 26/10/2022

Sampling Time : 10:37 AM

Received Date : 27/10/2022

Reported Date : 08/11/2022

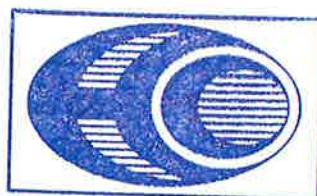
Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	442	-

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)

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)
- ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
08/11/2022

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.**	Request No	: W6511203
Address	: 7 Moo 3, Bowin, Sriracha, Chonburi 20230**	Report No	: 6511-1385
Sampling Source	: บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##	Sample No	: W 65110837
Sample Name	: Holding Pond (แห่งที่ 2)**	Sampling Date	: 07/11/2022**
Sampling By	: ETC**	Sampling Time	: 9:36 AM**
Sampling Method	: Grab**	Received Date	: 08/11/2022
Tested Date	: 08/11/2022 - 16/11/2022	Reported Date	: 18/11/2022

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)	6.4	≤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 : 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-ท-8334)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
18/11/2022

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

COPY

Test Report

Request No : W6511203

Report No : 6511-1385

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 65110837

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 07/11/2022**

Sampling By : ETC**

Sampling Time : 9:36 AM**

Sampling Method : Grab**

Received Date : 08/11/2022

Tested Date : 08/11/2022 - 16/11/2022

Reported Date : 18/11/2022

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)	0.22	≤ 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	31	≤ 40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,728	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	21	≤ 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 Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางใต้ถนน

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/11/2022

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 : 08/11/2022 - 16/11/2022

Sample No : W 65110837

Sampling Date : 07/11/2022**

Sampling Time : 9:36 AM**

Received Date : 08/11/2022

Reported Date : 18/11/2022

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.37	≤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,

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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/11/2022

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

COPY

Test Report

Request No : W6511359, W 6512321

Report No : 6511-1866-1, 6512-1474

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 : 15/11/2022 - 19/11/2022

Sample No : W 65111274, W 65121191

Sampling Date : 14/11/2022, 12/12/2022**

Sampling Time : 10:55 AM, 10:20 AM**

Received Date : 15/11/2022, 13/12/2022

Reported Date : 16/01/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.9	≤20
Chemical Oxygen Demand #/2	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)	2,020	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	11	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	18	≤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./2 Sample No. W65121191 : Sampling Date 12/12/2022 (10:20 AM) : Tested Date 12/12/2022 - 20/12/2022


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

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

6. ** = These data are non laboratory data./ ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
16/01/2023



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
16/01/2023

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

Test Report

Request No : W6511359

Report No : 6511-1866

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 : 15/11/2022 - 19/11/2022

Sample No : W 65111274

Sampling Date : 14/11/2022

Sampling Time : 10:55 AM

Received Date : 15/11/2022

Reported Date : 24/11/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	585	-

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



Examined By :

(Miss Apiradee Chuen-arom)

24/11/2022

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 : 22/11/2022 - 26/11/2022

Sample No : W 65111673

Sampling Date : 21/11/2022**

Sampling Time : 9:50 AM**

Received Date : 22/11/2022

Reported Date : 29/11/2022

Request No : W6511500

Report No : 6511-2104

Parameter	Unit	Method	Result	Standard ¹
Arsenic*	mg/l	Digestion,Inductively Coupled Plasma Method	< 0.10	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/l	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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-ค-7279)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

29/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

29/11/2022

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

Test Report

Request No : W6511500

Report No : 6511-2104


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 : 22/11/2022 - 26/11/2022

Sample No : W 65111673
Sampling Date : 21/11/2022**
Sampling Time : 9:50 AM**
Received Date : 22/11/2022
Reported Date : 29/11/2022


Parameter	Unit	Method	Result	Standard/l
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	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)	2,200	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤50
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22	≤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-ค-7279)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคม

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
29/11/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
29/11/2022

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 : 29/11/2022 - 05/12/2022

Sample No : W 65112016

Sampling Date : 28/11/2022**

Sampling Time : 10:45 AM**

Received Date : 29/11/2022

Reported Date : 13/12/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.2	≤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	7.1	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,808	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	17	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	40	≤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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกองขยะ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

13/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

13/12/2022

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 : 29/11/2022 - 05/12/2022

Request No : W6511604

Report No : 6512-0824

Sample No : W 65112016

Sampling Date : 28/11/2022

Sampling Time : 10:45 AM

Received Date : 29/11/2022

Reported Date : 13/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	416	

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)

13/12/2022

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 : 06/12/2022 - 15/12/2022

Sample No : W 65120562

Sampling Date : 05/12/2022**

Sampling Time : 10:10 AM**

Received Date : 06/12/2022

Reported Date : 19/12/2022

Request No : W6512123

Report No : 6512-1092

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic*	mg/l	Digestion,Inductively Coupled Plasma Method	< 0.10	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.9	≤20
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/l	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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 Pornpinan Viriyakusolkul (ว-003-ท-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางที่ 2

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ท-4377)

19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ท-2205)

19/12/2022

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 : 06/12/2022 - 15/12/2022

Sample No : W 65120562

Sampling Date : 05/12/2022**

Sampling Time : 10:10 AM**

Received Date : 06/12/2022

Reported Date : 19/12/2022

Request No : W6512123

Report No : 6512-1092

Parameter	Unit	Method	Result	Standard ¹
Mercury *	mg/l	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤ 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)	1,896	≤ 3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	22	≤ 50
Zinc @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 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 Pornpinan Viriyakusolkul (จ-003-ท-8334)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
19/12/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
19/12/2022

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

COPY

Test Report

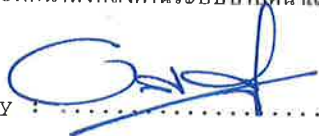
Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 13/12/2022 - 20/12/2022

Request No : W6512321
Report No : 6512-1474
Sample No : W 65121191
Sampling Date : 12/12/2022**
Sampling Time : 10:20 AM**
Received Date : 13/12/2022
Reported Date : 22/12/2022

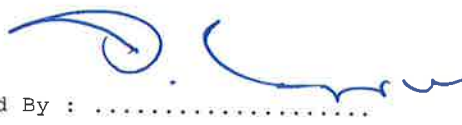
Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.1	≤20
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,888	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	24	≤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. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมอุตสาหกรรม

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
22/12/2022



Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
22/12/2022

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

Test Report

Request No : W6512321

Report No : 6512-1474

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 : 13/12/2022 - 20/12/2022

Sample No : W 65121191
Sampling Date : 12/12/2022
Sampling Time : 10:20 AM
Received Date : 13/12/2022
Reported Date : 22/12/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	512	-

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 (๖-003-๖-5637)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
22/12/2022

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

COPY



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 : W6506514

Report No : 6506-2186

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65061839

Sample Name : Effluent**

Sampling Date : 20/06/2022**

Sampling By : ETC**

Sampling Time : 11:00 AM - 11:45 AM**

Sampling Method : Composit**

Received Date : 21/06/2022

Tested Date : 25/06/2022

Reported Date : 30/06/2022

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤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 / 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด ## (Kong Chon 2022)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

30/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)

(จ-003-ค-2183)

30/06/2022

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

COPY

Test Report

Request No : W6507416

Report No : 6507-2032

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65071561

Sample Name : Effluent**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 10:15 AM - 11:00 AM**

Sampling Method : Composit**

Received Date : 19/07/2022

Tested Date : 21/07/2022

Reported Date : 27/07/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	8	≤50

Physical Apperance : 1. Sample : 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. ## ระบบบำบัดน้ำเสียส่วนกลางของชีวภาพ แห่งที่ 2 (Kasikornchai)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

27/07/2022

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 2 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Composit**

Tested Date : 20/08/2022

Request No : W6508344

Report No : 6508-1554

Sample No : W 65081334

Sampling Date : 15/08/2022**

Sampling Time : 8:25 AM - 9:10 AM**

Received Date : 16/08/2022

Reported Date : 22/08/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤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. Metee Sukprasert (จ-003-๓-8333)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Kongkham)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/08/2022

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

Test Report

Request No : W6509445

Report No : 6509-1659

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65091683

Sample Name : Effluent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 9:15 AM - 10:00 AM**

Sampling Method : Composit**

Received Date : 20/09/2022

Tested Date : 22/09/2022

Reported Date : 24/09/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	11	≤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. Weerachai Porjai (1-003-1-8896)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพแห่งที่ 2 อ.ศรีราชา จ.ชลบุรี**

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-1-4377)

24/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-1-2205)

24/09/2022





ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230

Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6510419

Report No : 6510-1604

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65101498

Sample Name : Effluent**

Sampling Date : 17/10/2022**

Sampling By : ETC**

Sampling Time : 11:15 AM - 12:00 PM**

Sampling Method : Composit**

Received Date : 18/10/2022

Tested Date : 20/10/2022

Reported Date : 26/10/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	10	≤50

Physical Apperance : 1. Sample : 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. Parkpoom Buasawad (จ-003-ค-7280)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางโรงงาน แห่งที่ 2 (Kroffa Plant)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/10/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/10/2022

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

COPY

Test Report

Request No : W6511499

Report No : 6511-1991

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 65111670

Sample Name : Effluent**

Sampling Date : 21/11/2022**

Sampling By : ETC**

Sampling Time : 8:40 AM - 9:25 AM**

Sampling Method : Composit**

Received Date : 22/11/2022

Tested Date : 23/11/2022

Reported Date : 28/11/2022

Parameter	Unit	Method	Result	Standard/1
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	9	≤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 Phiwan (ว-003-ค-7279)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพ แห่งที่ 2 (Kroha Phom)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

28/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

28/11/2022

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



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 : W6506516

Report No : 6506-2185

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65061843

Sample Name : Effluent**

Sampling Date : 20/06/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM - 10:45 AM**

Sampling Method : Composit**

Received Date : 21/06/2022

Tested Date : 25/06/2022

Reported Date : 30/06/2022

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. Supharerk Phatklang (จ-003-จ-5637)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTR4-CB)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

30/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

30/06/2022

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

COPY

Test Report

Request No : W6507418

Report No : 6507-2033

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65071565

Sample Name : Effluent**

Sampling Date : 18/07/2022**

Sampling By : ETC**

Sampling Time : 9:50 AM - 10:35 AM**

Sampling Method : Composit**

Received Date : 19/07/2022

Tested Date : 21/07/2022

Reported Date : 27/07/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	16	≤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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP (C1))

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
27/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
27/07/2022

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

COPY

Test Report

Request No : W6508346

Report No : 6508-1555

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65081338

Sample Name : Effluent**

Sampling Date : 15/08/2022**

Sampling By : ETC**

Sampling Time : 9:15 AM - 10:00 AM**

Sampling Method : Composit**

Received Date : 16/08/2022

Tested Date : 20/08/2022

Reported Date : 22/08/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 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 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. Metee Sukprasert (จ-003-จ-8333)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

22/08/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

22/08/2022

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

COPY

Test Report

Request No : W6509447

Report No : 6509-1658

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65091687

Sample Name : Effluent**

Sampling Date : 19/09/2022**

Sampling By : ETC**

Sampling Time : 10:25 AM - 11:00 AM**

Sampling Method : Composit**

Received Date : 20/09/2022

Tested Date : 22/09/2022

Reported Date : 24/09/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	25	≤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. Weerachai Porjai (จ-003-จ-8896)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทงชีวภาพแห่งที่ 4 (WWTP4 CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
24/09/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
24/09/2022

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

Test Report

Request No : W6511360

Report No : 6511-1819

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 6511275

Sample Name : Effluent**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 10:15 AM - 11:00 AM**

Sampling Method : Composit**

Received Date : 15/11/2022

Tested Date : 17/11/2022

Reported Date : 23/11/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	37	≤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 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางภาพแห่งที่ 4 (WWTP4-CT)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
23/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
23/11/2022

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

COPY

Test Report

Request No : W6511501

Report No : 6511-1999

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 65111674

Sample Name : Effluent**

Sampling Date : 21/11/2022**

Sampling By : ETC**

Sampling Time : 9:45 AM - 10:30 AM**

Sampling Method : Composit**

Received Date : 22/11/2022

Tested Date : 23/11/2022

Reported Date : 28/11/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	20	≤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. ** = These data are non laboratory data.

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W-11674)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
28/11/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
28/11/2022

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 : ห้วยฤๅไทย**

Sample No : W 65080785

Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)** Sampling Date : 06/08/2022**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

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)	19.2	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	≤ 20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	201	-
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)	3.2	≥ 4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	92,000	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	≤ 1

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

10/09/2022

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 : ห้วยภูไท**

Sample No : W 65080785

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)** Sampling Date : 06/08/2022**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO3- B)	4.41	≤5
pH (on site) *		Electrometric Method	7.4	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)	< 0.15	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	13.4	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO42- E)	18.9	-
Temperature *	°C	Laboratory and Field Method	.28	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	137	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	25	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.05 mg/l] / *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

Test Report

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65080785

Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)**

Sampling Date : 06/08/2022**

Sampling By : ETC**

Sampling Time : 8:30 AM**

Sampling Method : Grab**

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard/ ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	26.2	

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of ...] ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

Test Report

Request No : W6508188

Report No : 6509-0745

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยญไพร

Sample No : W 65080785

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1) Sampling Date : 06/08/2022

Sampling By : ETC

Sampling Time : 8:30 AM

Sampling Method : Grab

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.30	≤0.5

Physical Apperance : 1. Sample : yellow, 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. Supharerk Phatklang (J-003-จ-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
10/09/2022

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

COPY

Request No. W6508188

Report No. 6509-0745

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 08/08/2022 – 25/08/2022

Sample No. : W 65080785
Sampling Date : 06/08/2022
Sampling Time : 8:30 AM
Received Date : 08/08/2022
Reported Date : 15/09/2022

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
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. Supharker Phatklang (ว-003-จ-5637)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

15/09/2022

REPORTED TESTS 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 : ห้วยภูไท**

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080786

Sampling Date : 06/08/2022**

Sampling Time : 8:45 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0746

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)	18.2	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	92,000	≤ 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)	3.5	≥ 4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	17,000	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.34	≤ 1

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.002 mg/l / ท*** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

Test Report

Request No : W6508188

Report No : 6509-0746

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65080786

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling Date : 06/08/2022**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - B)	4.62	≤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)	< 0.15	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	14.4	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ 2- E)	19.7	-
Temperature *	°C	Laboratory and Field Method	29	๓***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	150	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	17	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./๓*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-003-๓-5637)*

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

COPY

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 : ห้วยภูไท**

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080786

Sampling Date : 06/08/2022**

Sampling Time : 8:45 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Turbidity *	NTU	Nephelometric Method (SM:2130B)	23.6	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

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 : ห้วยภูไท

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080786

Sampling Date : 06/08/2022

Sampling Time : 8:45 AM

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0746

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.28	≤0.5

Physical Apperance : 1. Sample : yellow, 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. Supharek Phatklang (7-003-1-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

10/09/2022

Request No. W6508188

Report No. 6509-0746

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 : 08/08/2022 – 25/08/2022

Sample No. : W 65080786

Sampling Date : 06/08/2022

Sampling Time : 8:45 AM

Received Date : 08/08/2022

Reported Date : 15/09/2022

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

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. Supharerk Phatklang (๖-003-๖-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

15/09/2022

REPORTED TESTS 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 : ห้วยภูไท**

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080787

Sampling Date : 06/08/2022**

Sampling Time : 9:05 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0747

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.6	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	60.6	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	54,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	482	-
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)	3.4	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	24,000	≤4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.40	≤1

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ร*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

10/09/2022

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 : ห้วยภูไท**

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080787

Sampling Date : 06/08/2022**

Sampling Time : 9:05 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0747

Parameter	Unit	Method	Result	Standard ^{1/}
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO3- B)	13.7	≤5
pH (on site) *		Electrometric Method	7.6	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)	0.33	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	49.2	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO42- E)	75.4	-
Temperature *	°C	Laboratory and Field Method	30	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	286	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	20	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

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 : ห้วยภูไท**

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080787

Sampling Date : 06/08/2022**

Sampling Time : 9:05 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	23.9	

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ร*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

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 : ห้วยภูไท

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 08/08/2022 - 25/08/2022

Request No : W6508188

Report No : 6509-0747

Sample No : W 65080787

Sampling Date : 06/08/2022

Sampling Time : 9:05 AM

Received Date : 08/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.33	≤0.5

Physical Apperance : 1. Sample : yellow, 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. Supharerk Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

10/09/2022

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

COPY

Request No. W6508188

Report No. 6509-0747

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 : 08/08/2022 – 25/08/2022

Sample No. : W 65080787

Sampling Date : 06/08/2022

Sampling Time : 9:05 AM

Received Date : 08/08/2022

Reported Date : 15/09/2022

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

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. Supharerk Phatklang (๓-003-๖-5637)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....



(Miss Apiradee Chuen-arom)

15/09/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6508188

Report No : 6509-0748

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65080788

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝ่ายกั้นน้ำในคมนา (W4)**

Sampling Date : 06/08/2022**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 08/08/2022

Tested Date : 08/08/2022 - 25/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.4	≤2
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	60.1	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	17,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	484	-
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)	3.4	≥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)	0.40	≤1

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ร*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

COPY

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 : ห้วยไทร**

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในคมฯ (W4)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080788

Sampling Date : 06/08/2022**

Sampling Time : 9:20 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0748

Parameter	Unit	Method	Result	Standard ¹
Nitrate *	mg/l as NO ₃	Cadmium Reduction Method (SM:4500 -NO3- B)	14.4	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol *	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	0.012	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.36	-
Sodium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	49.9	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO42- E)	73.6	-
Temperature *	°C	Laboratory and Field Method	29	η***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	294	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	19	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./η*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานชาติ เกิน 3 องศาเซลเซียส

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

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] / *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

COPY

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 : ห้วยภูไท**

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในคมนา (W4)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 08/08/2022 - 25/08/2022

Sample No : W 65080788

Sampling Date : 06/08/2022**

Sampling Time : 9:20 AM**

Received Date : 08/08/2022

Reported Date : 10/09/2022

Request No : W6508188

Report No : 6509-0748

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	17.5	

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
10/09/2022

COPY

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 : ห้วยภูไท

Sample Name : ปริมาณน้ำในถังตามลอนใต้ฝายกั้นน้ำในคมนา (W4)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 08/08/2022 - 25/08/2022

Request No : W6508188

Report No : 6509-0748

Sample No : W 65080788

Sampling Date : 06/08/2022

Sampling Time : 9:20 AM

Received Date : 08/08/2022

Reported Date : 10/09/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.25	≤0.5

Physical Apperance : 1. Sample : yellow, 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. Supharek Phatklang (3-003-3-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

10/09/2022

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

COPY

Request No. W6508188

Report No. 6509-0748

TEST REPORT

Customer	: Amata City Rayong Co.,Ltd.	Sample No.	: W 65080788
Address	: 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230	Sampling Date	: 06/08/2022
Sampling Source	: ห้วยภูไท	Sampling Time	: 9:20 AM
Sample Name	: บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)	Received Date	: 08/08/2022
Sampling By	: ETC	Reported Date	: 15/09/2022
Sampling Method	: Grab		
Tested Date	: 08/08/2022 – 25/08/2022		

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
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. Supharerk Phatklang (ว-003-จ-5637)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

(Miss Apiradee Chuen-arom)

15/09/2022

REPORTED TESTS 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 : ห้วยภูไท**
Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 02/12/2022
Request No : W6511355
Report No : 6512-0617
Sample No : W 65111263
Sampling Date : 14/11/2022**
Sampling Time : 10:15 AM**
Received Date : 15/11/2022
Reported Date : 09/12/2022

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)	18.6	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	92,000	≤20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	213	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	ND	≤0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	6.7	≥4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	24,000	≤4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.32	≤1

Physical Appearance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ก*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ND = Not Detected / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0617

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111263

Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1)** Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 10:15 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 02/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.86	≤5
pH (on site) *		Electrometric Method	7.7	5.0-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.011	≤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)	13.4	*
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	25.2	*
Temperature *	°C	Laboratory and Field Method	31	***
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	152	*
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	46	*

Physical Appearance : 1. Sample : yellow, 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 B.F. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ND = Not Detected / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0617

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยไทร**
Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 02/12/2022

Sample No : W 65111263
Sampling Date : 14/11/2022**
Sampling Time : 10:15 AM**
Received Date : 15/11/2022
Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Turbidity *	NTU	Nephelometric Method (SM:2130B)	75.5	-

Physical Apperance : 1. Sample : yellow, 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.038 mg/l] / ND = Not Detected / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0617

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 65111263

Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1) Sampling Date : 14/11/2022

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 02/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.18	≤0.5

Physical Apperance : 1. Sample : yellow, 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. Songpon Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



Examined By :

(Miss Apiradee Chuen-arom)

09/12/2022

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

Request No. W6511355

Report No. 6512-0617

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านหนองตอง เหนือฝายกั้นน้ำในนิคมฯ (W1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 15/11/2022 – 02/12/2022
Sample No. : W 65111263
Sampling Date : 14/11/2022
Sampling Time : 10:15 AM
Received Date : 15/11/2022
Reported Date : 09/12/2022

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
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 (2-003-ท-7279)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0618

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111264

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 06/12/2022

Reported Date : 09/12/2022

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)	14.7	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	92,000	≤ 20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	211	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	ND	≤ 0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	7.8	≥ 4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	9,400	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = คุณหม่อมราชวงศ์จะต๋องไม่สูงกว่าคุณหม่อมตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ND = Not Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0618

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111264

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 06/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ - N	Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.67	≤5
pH (on site) *		Electrometric Method	7.4	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)	< 0.15	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	14.3	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ - E)	30.8	-
Temperature *	°C	Laboratory and Field Method	28	η***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	141	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	45	-

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 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. Mr. Kawee Suthasub is Technical Management./η*** = คุณหญิงของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.01 mg/L / ND = Not Detected / ** - These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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 : ห้วยภูไท**
Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 06/12/2022

Sample No : W 6511264
Sampling Date : 14/11/2022**
Sampling Time : 10:40 AM**
Received Date : 15/11/2022
Reported Date : 09/12/2022

Request No : W6511355
Report No : 6512-0618

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	54.9	

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. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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. Mr. Kawee Suthasub is Technical Management./*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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] / ND = Non Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0618

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยฤไทย

Sample No : W 65111264

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling Date : 14/11/2022

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 06/12/2022

Reported Date : 09/12/2022

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. /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)

09/12/2022

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

Request No. W6511355

Report No. 6512-0618

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท Sample No. : W 65111264
Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2) Sampling Date : 14/11/2022
Sampling By : ETC Sampling Time : 10:40 AM
Sampling Method : Grab Received Date : 15/11/2022
Tested Date : 15/11/2022 – 06/12/2022 Reported Date : 09/12/2022


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. Songpon Phiwan (๖-003-๓-7279)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 
(Miss Apiradee Chuen-arom)
09/12/2022

REPORTED TESTS 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 : ห้วยภูไท**
Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 06/12/2022

Sample No : W 6511265
Sampling Date : 14/11/2022**
Sampling Time : 11:20 AM**
Received Date : 15/11/2022
Reported Date : 09/12/2022

Request No : W6511355
Report No : 6512-0619

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)	32.3	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	160,000	≤ 20000
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	331	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	ND	≤ 0.005
Dissolved Oxygen *	mg/l	Azide Modification Method (SM:4500 -O C)	7.3	≥ 4
Fecal Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221E)	35,000	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.38	≤ 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. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. MDL = Method Detection Limit [MDL of Cyanide = 0.005 mg/l] / ND = Not Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
09/12/2022

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



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 : W6511355

Report No : 6512-0619

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111265

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 06/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ -	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	2.38	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.052	≤0.005
Phosphorus*	mg/l as P	Ascorbic Acid Method (SM:4500 -P B)	0.22	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	30.2	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	51.6	-
Temperature *	°C	Laboratory and Field Method	29	***
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	250	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	50	-

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 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. Mr. Kawee Suthasub is Technical Management./*** = ข้อมูลของน้ำจะต้องไม่สูงกว่าข้อมูลมาตรฐานตามธรรมชาติ เกิน 3 องค์ประกอบ

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (๖-003-๓-๗๒๗๙)*

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.998 mg/l] / ND = Not Detected / ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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

COPY



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

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 : 15/11/2022 - 06/12/2022

Request No : W6511355

Report No : 6512-0619

Sample No : W 65111265

Sampling Date : 14/11/2022**

Sampling Time : 11:20 AM**

Received Date : 15/11/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	51.8	-

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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานธรรมชาติ เกิน 3 องศาเซลเซียส

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

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 / ND = Not Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
09/12/2022

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

COPY

Test Report

Request No : W6511355

Report No : 6512-0619

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 65111265

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling Date : 14/11/2022

Sampling By : ETC

Sampling Time : 11:20 AM

Sampling Method : Grab

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 06/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.34	≤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. Songpon Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

09/12/2022

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

Request No. W6511355

Report No. 6512-0619

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 : 15/11/2022 – 06/12/2022
Sample No. : W 65111265
Sampling Date : 14/11/2022
Sampling Time : 11:20 AM
Received Date : 15/11/2022
Reported Date : 09/12/2022

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. Songpon Phiwan (ว-003-ค-7279)
4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By: 
(Miss Apiradee Chuen-arom)
09/12/2022

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

Test Report

Request No : W6511355

Report No : 6512-0620

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111266

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในคมนา (W4)**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 11:35 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 02/12/2022

Reported Date : 09/12/2022

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)	30.7	-
Coliform Bacteria *	MPN:100 ml	MPN Test Method (SM:9221B)	54,000	≤ 20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	318	-
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	ND	≤ 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)	54,000	≤ 4000
Manganese @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.43	≤ 1

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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 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. Mr. Kawee Suthasub is Technical Management./ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 2.000 mg/l] / ND = Not Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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



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 : W6511355

Report No : 6512-0620

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 65111266

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในคมฯ (W4)**

Sampling Date : 14/11/2022**

Sampling By : ETC**

Sampling Time : 11:35 AM**

Sampling Method : Grab**

Received Date : 15/11/2022

Tested Date : 15/11/2022 - 02/12/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹⁾
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	2.64	≤5
pH (on site) *		Electrometric Method	7.6	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)	0.18	-
Sodium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	28.3	-
Sulfate *	mg/l as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ -E)	50.1	-
Temperature *	°C	Laboratory and Field Method	29	ก***
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	248	-
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	54	-

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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 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. Mr. Kawee Suthasub is Technical Management./ก*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

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

6. MDL = Method Detection Limit [MDL of Cyanide = 0.02 mg/l] / ND Not Detected /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

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

COPY



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

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในคมนา (W4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 15/11/2022 - 02/12/2022

Request No : W6511355
Report No : 6512-0620
Sample No : W 65111266
Sampling Date : 14/11/2022**
Sampling Time : 11:35 AM**
Received Date : 15/11/2022
Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	52.7	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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 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. Mr. Kawee Suthasub is Technical Management./ธ*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/l] / ND = Not Detected /** - These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Examined By :

(Mr. Kawee Suthasub)

09/12/2022

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample Name : บริเวณบ้านวังศาลม่อนใต้ฝายกั้นน้ำในคมฯ (W4)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 15/11/2022 - 02/12/2022

Request No : W6511355

Report No : 6512-0620

Sample No : W 65111266

Sampling Date : 14/11/2022

Sampling Time : 11:35 AM

Received Date : 15/11/2022

Reported Date : 09/12/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.31	≤0.5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], 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. Songpon Phiwuan (๖-003-๓-๗279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

09/12/2022

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

Request No. W6511355

Report No. 6512-0620

TEST REPORT

Customer	: Amata City Rayong Co.,Ltd.	Sample No.	: W 65111266
Address	: 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230	Sampling Date	: 14/11/2022
Sampling Source	: ห้วยภูไท	Sampling Time	: 11:35 AM
Sample Name	: บริเวณบ้านวังตาลม่อนได้ฝายกั้นน้ำในนิคมฯ (W4)	Received Date	: 15/11/2022
Sampling By	: ETC	Reported Date	: 09/12/2022
Sampling Method	: Grab		
Tested Date	: 15/11/2022 – 02/12/2022		

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. Songpon Phiwan (จ-003-ก-7279)
 4. Parameter Outside The Scope of The Registration of Department of Industrial Works



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

09/12/2022

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

COPY

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

COPY

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 (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

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

COPY

Test Report

Request No : 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 Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำใน

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

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)
18/07/2022

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

COPY

Test Report

Request No : 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard/l
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	2.10	-
pH #		pH Meter	5.62	-

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำในดิน

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/08/2022

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 Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/06/2022 - 21/06/2022

Sample No : W 65061292
Sampling Date : 11/06/2022
Sampling Time : 8:55 AM
Received Date : 13/06/2022
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 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

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

COPY

Test Report

Request No : 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 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
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



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

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

COPY

Test Report

Request No : 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	15.8	-
pH #		pH Meter	6.28	-

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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 (จ-003-ก-7279)

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

COPY

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/l
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 Phiwuan (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
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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 Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำผิวดิน

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

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 : เหนืออ่างเก็บน้ำดอกกราย 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard/1
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	3.80	-
pH #		pH Meter	5.84	-

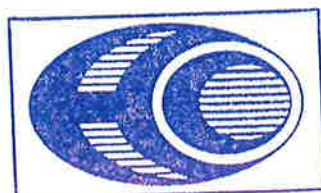
Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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
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 เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำใน

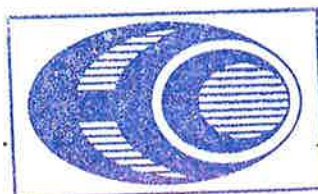
2. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)

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

COPY

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 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)

18/07/2022

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

COPY

Test Report

Request No : 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
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	-

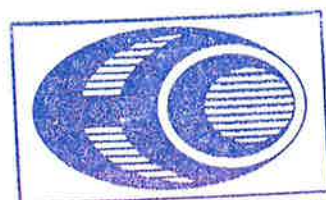
Physical Apperance : 1. Sample : gray, soil

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 Phiwan (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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	2.70	-
pH #		pH Meter	5.00	-

Physical Apperance : 1. Sample : gray, soil

2. Container : Bag

Remark : 1. /1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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)
18/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6506322

Customer : Amata City Rayong Co.,Ltd.

Report No : 6507-1153

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
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. /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 (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)
18/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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
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

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

COPY



Test Report

Request No : 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	3.20	-
pH #		pH Meter	6.97	-

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. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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 (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)
18/07/2022REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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. /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 (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

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

COPY

Test Report

Request No : 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
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	14.7	≤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 (3-003-ก-7280)

4. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

18/07/2022

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

COPY

Test Report

Request No : W6506322

Report No : 6507-1154

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำกรดสองไปรดต้นไม้

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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	5.60	-
pH #		pH Meter	7.76	-

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. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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

4. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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
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

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

COPY

Test Report

Request No : 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. /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 (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

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

COPY



Test Report

Request No : W6506322

Report No : 6507-1155

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้

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

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

COPY

Test Report

Request No : 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	6.00	-
pH #		pH Meter	6.07	-

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. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : 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 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	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 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 อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/07/2022

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

COPY

Test Report

Request No : 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 (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

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

COPY

Test Report

Request No : 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. /I 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
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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 : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกร็ดสองไปรดต้นไม้ 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 - 08/08/2022 Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard/ ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	1.70	-
pH #		pH Meter	4.51	-

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. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

11/08/2022

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

COPY

Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้

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. /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

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

COPY

Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ 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 (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

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

COPY

Test Report

Request No : W6506322

Report No : 6507-1157

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้

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

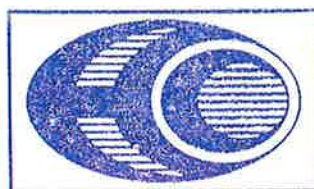
2. Container : Bag

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 (จ-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/07/2022

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

COPY

Test Report

Request No : 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 - 08/08/2022

Reported Date : 11/08/2022

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	1.80	-
pH #		pH Meter	4.47	-

Physical Apperance : 1. Sample : brown, soil

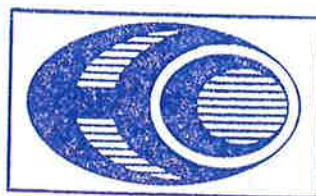
2. Container : Bag

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. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :



(Miss Apiradee Chuen-arom)

11/08/2022

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 : น้ำใต้ดิน**
Sample Name : ก่อนไหลผ่าน 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
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 = 0.05 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

COPY

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

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. /I 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



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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhaphibarn 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 : W6506615

Report No : 6507-1143

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

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

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062164

Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)**

Sampling Date : 24/06/2022**

Sampling By : ETC**

Sampling Time : 10:10 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)	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 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. 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 Phiwuan (จ-003-ค-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

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

COPY

TEST REPORT

Request No. W6406615

Report No. 6507-1143

Customer : Amala 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 Phiwuan (7-003-ก-1992)



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

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, 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

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

Paramcter	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-ค-7279)*

5. ** = These data are non laboratory data. / ## หลังไหลผ่าน 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-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
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506615

Report No : 6507-1144

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

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

Sampling Source : น้ำใต้ดิน**

Sample No : W 65062165

Sample Name : หลังไหลผ่าน Holding Pond 1 ##

Sampling Date : 24/06/2022**

Sampling By : ETC**

Sampling Time : 10:00 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)	0.03	≤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. /1 Ground Water Standard Notification of the National 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. / ## หลังไหลผ่าน 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-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
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 : น้ำใต้ดิน**

Sample Name : หลังไหลผ่าน 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 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. 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 (ว-003-ท-7279)*

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

6. ## หลังไหลผ่าน Holding Pond 1 (Down Gradient) **



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)
18/07/2022

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

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 : หลังกว้าง 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	-
- 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. 20 , B.E. 2543 (2000)

2. ** Tested by SECOT CO.,LTD.

3. ND = non-detectable

4. Sampling By Mr. Songpon Phiwuan (7-003-1-1)

5. ## หลังกว้าง Holding Pond 1 (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

COPY

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : น้ำใต้ดิน**
Sample Name : หลังกั้วน้ำ Holding Pond 1 ##
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 27/06/2022 - 16/07/2022

Request No : W6506615
Report No : 6507-1145
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
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 : 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 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 (ว-003-ค-7279)*

5. ** = These data are non laboratory data./ ## หลังกั้วน้ำ Holding Pond 1 (Down Gradient 2)**

6. MDL = Method Detection Limit / MDL of Nickel = 0.05 mg/l]

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

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
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 Phiwan (จ-003-ก-7279)*

5. ** = These data are non laboratory data./ ## หลังไหลผ่าน 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-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

Test Report

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

Address : 7 Moo 3, 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

Request No : W6506615

Report No : 6507-1145

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
Conductivity*	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	826	-
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)	6.67	-
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 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

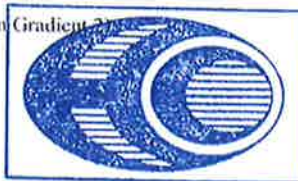
2. @ = ISO/IEC 17025:2017 Accredited by TISLSM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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-ก-7279)*

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

6. ## หลังไหลผ่าน Holding Pond 1 (Down Gradient 27m)



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 : หลังไหลผ่าน 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 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 Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. ** Tested by SECOT CO.,LTD.
3. ND = non-detetable
4. Sampling By Mr. Songpon Phiwan (7-003-ก)
5. # หลังไหลผ่าน Holding Pond 1 (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

COPY

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

Request No : W6506676
Report No : 6507 - 1146
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/l
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 Phiwuan (ว-003-ค-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำที่เก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพสิ่งแวดล้อมที่ใช้บริโภค

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

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 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
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 Phiwuan (ว-003-ก-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุ โภษะของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้วิธีภาค

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

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 : น้ำใต้ดิน**

Sample Name : ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 29/06/2022 - 15/07/2022

Request No : W6506676

Report No : 6507- 1146

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
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 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.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-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

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

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 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 (7-003-7-7228)



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

COPY

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
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-ก-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำที่จุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์มาตรฐาน คุณลักษณะของน้ำที่ใช้บริโภค/## หลังไหลผ่าน Holding Pond 2 (Down Gradient 1)**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

18/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-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

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
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 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. @ = 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. / ** = 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-คุณสมบัติน้ำผิวดินที่ใช้บริโภค/## หลังไหลผ่าน Holding Pond 2 (Down Gradient 1)**

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
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 : น้ำใต้ดิน**
Sample Name : หลังไหลผ่าน Holding Pond 2 ##
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 29/06/2022 - 15/07/2022

Request No : W6506676
Report No : 6507- 1147

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (1-003-ก-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

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

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]

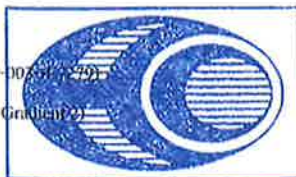
Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. ** Tested by SECOT CO.,LTD.

3. ND = non-detetable

4. Sampling By Mr. Songpon Phiwan (T-003-11-29)

5. # หลังไหลผ่าน Holding Pond 2 (Down Gradient)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Examined By



(Miss Apiradee Chuen-arom)

18/07/2022

COPY

Test Report

Request No : W6506676

Report No : 6507-1148

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

Parameter	Unit	Method	Result	Standard/l
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. /I 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 จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อเหนือที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุ โคมสูงสุดของมาตรฐาน กฎหมายน้ำบาดาลที่ใช้อยู่ในภาคใต้/## 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
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 : น้ำใต้ดิน**
Sample Name : หลังไหลผ่าน 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
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 Phiwan (จ-003-ก-7279)*

5. ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ

ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมถึงมาตรฐาน คุณภาพน้ำบาดาลที่ให้บริการ/## หลังไหลผ่าน Holding Pond 2 (Down Gradient 2)**

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

COPY

Test Report

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

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

Sampling Source : น้ำใต้ดิน**

Sample Name : หลังกว๊าน 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)

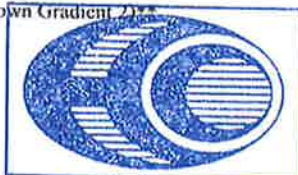
2. @ = ISO/IEC 17025:2017 Accredited by TISI.SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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 (ว-003-ค-7279)*

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

6.## หลังกว๊าน Holding Pond 2 (Down Gradient 2) **



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

18/07/2022

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

COPY

TEST REPORT

Request No. W6506676

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	APIA 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 : 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-detetatable
4. Sampling By Mr. Songpon Phiwan (T-003-...)
5. # หลังไหลผ่าน Holding Pond 2 (Down Gradient)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Signature)

(Miss Apiradce 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

COPY