

ภาคผนวก

- ภาคผนวกที่ 1 ผลการตรวจติดตามคุณภาพสิ่งแวดล้อม
- ภาคผนวกที่ 2 หนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน และใบอนุญาตเป็นผู้ให้บริการตรวจวัดและวิเคราะห์ระดับความเข้มข้นของสารเคมีอันตรายในบรรยากาศของสถานที่ทำงานและสถานที่เก็บรักษาสารเคมีอันตราย ระดับความร้อน แสงสว่าง และเสียง จากกรมสวัสดิการและคุ้มครองแรงงาน
- ภาคผนวกที่ 3 ใบรับรองความสามารถห้องปฏิบัติการวิเคราะห์
- ภาคผนวกที่ 4 สรุปลอกสารการสอบเทียบอุปกรณ์เครื่องมือ
- ภาคผนวกที่ 5 เอกสาร Detection Limit ของรายการทดสอบต่างๆ
- ภาคผนวกที่ 6 ผลการพิจารณารายงานการประเมินผลกระทบสิ่งแวดล้อมของโครงการ
- ภาคผนวกที่ 7 ข้อมูลอัตราการระบายมลพิษจากโรงงานรายโรง และตัวอย่างผลตรวจวัดด้านสิ่งแวดล้อมของโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 8 ศูนย์เฝ้าระวังและควบคุมคุณภาพสิ่งแวดล้อม
(Environmental Monitoring and Control Center : EMC²)
- ภาคผนวกที่ 9 การจัดตั้งคณะกรรมการพัฒนาชุมชนโดยรอบนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 10 แผนการดูแลพื้นที่สีเขียว
- ภาคผนวกที่ 11 กฎระเบียบ ข้อบังคับในการใช้รถภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 12 แผนการรับเรื่องร้องเรียนปัญหาด้านสิ่งแวดล้อม
และบันทึกการรับเรื่องร้องเรียน / ข้อเสนอแนะปัญหาด้านสิ่งแวดล้อม
- ภาคผนวกที่ 13 รายชื่อโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 14 รายชื่อโรงงานที่จัดทำรายงาน Monitor EIA ในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 15 แบบฟอร์มสอบถามข้อมูลพื้นฐานด้านสิ่งแวดล้อม
- ภาคผนวกที่ 16 ประกาศการนิคมฯ ที่ 79/2549 เรื่องการกำหนดอัตราการปล่อยมลสารทางอากาศจากปล่องของโรงงานในนิคมอุตสาหกรรม (แก้ไขเพิ่มเติม)
- ภาคผนวกที่ 17 ประกาศการนิคมฯ ที่ 79/2554 เรื่อง วิธีปฏิบัติเกี่ยวกับการจัดการกากอุตสาหกรรมมูลฝอยและสิ่งปฏิกูลที่เกิดขึ้นในนิคมอุตสาหกรรม
- ภาคผนวกที่ 18 ประกาศการนิคมอุตสาหกรรมแห่งประเทศไทยที่ 76/2560 เรื่อง กำหนดมาตรฐานทั่วไปในการระบายน้ำเสียลงสู่ระบบบำบัดน้ำเสียส่วนกลางในนิคมอุตสาหกรรม
- ภาคผนวกที่ 19 สรุปผลการตรวจวัดด้านอาชีวอนามัยและความปลอดภัยของโรงงานต่างๆภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 20 ข้อมูลอัตรามลพิษทางอากาศของบริษัท โฟสโค โค้ทเต็ค สตีล (ประเทศไทย) จำกัด และบริษัท ไตกิ อลูมิเนียม อินดัสทรี (ประเทศไทย) จำกัด
- ภาคผนวกที่ 21 การจัดทำโปรแกรมสำเร็จรูป Emission Inventory

ภาคผนวก (ต่อ)

- | | | |
|------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ภาคผนวกที่ | 22 | ตัวอย่างรายงานผลการตรวจวัดคุณภาพอากาศในบรรยากาศแบบต่อเนื่อง
นิคมอุตสาหกรรมอมตะซิตี้ ระยอง ประจำปีเดือนธันวาคม 2566 |
| ภาคผนวกที่ | 23 | สรุปปริมาณการใช้น้ำประปาภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 24 | สรุปปริมาณน้ำเสียภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
และผลการตรวจวัดคุณภาพน้ำแบบต่อเนื่อง (Online) |
| ภาคผนวกที่ | 25 | ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้งของโรงงาน
ภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 26 | จดหมายแจ้งเตือนโรงงาน |
| ภาคผนวกที่ | 27 | อัตราค่าบริการน้ำประปา และค่าบริการบำบัดน้ำเสีย |
| ภาคผนวกที่ | 28 | สถิติการนำน้ำทิ้งกลับมาใช้ประโยชน์ |
| ภาคผนวกที่ | 29 | แผน PM ระบบบำบัดน้ำเสีย |
| ภาคผนวกที่ | 30 | เอกสารการขึ้นทะเบียนผู้ควบคุมระบบบำบัดกับกรมโรงงานอุตสาหกรรม |
| ภาคผนวกที่ | 31 | รูปการขุดลอกตะกอนในรางระบายน้ำฝน |
| ภาคผนวกที่ | 32 | สรุปปริมาณขยะมูลฝอยทั่วไป และเอกสารการส่งของเสียไปกำจัดของโรงงาน
ภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 33 | กิจกรรมการประกวด Amata Best Waste Management Awards |
| ภาคผนวกที่ | 34 | ผลวิเคราะห์กากตะกอน ประจำปี 2566 |
| ภาคผนวกที่ | 35 | เอกสารแต่งตั้งคณะกรรมการชุมชนสัมพันธ์
และกิจกรรมมวลชนสัมพันธ์ของโครงการ ประจำปี 2566 |
| ภาคผนวกที่ | 36 | สรุปผลการสำรวจทัศนคติชุมชน ประจำปี 2566 |
| ภาคผนวกที่ | 37 | แผนปฏิบัติการควบคุมภาวะฉุกเฉินนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
และเอกสาร/ภาพการฝึกซ้อมกรณีเกิดสารเคมีรั่วไหล และเหตุเพลิงไหม้
นิคมอุตสาหกรรมอมตะซิตี้ ระยอง ประจำปี 2566 |
| ภาคผนวกที่ | 38 | แผนฉุกเฉินของโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง /
ภาพการซ้อมดับเพลิงของโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 39 | รายงานสถิติอุบัติเหตุจากการจราจรภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
เอกสารการแต่งตั้งประธาน และรายงานการประชุมคณะกรรมการ
แก้ไขปัญหาจราจรอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 40 | รายชื่อสารเคมีในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 41 | ผลการตรวจสุขภาพพนักงานของโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง |
| ภาคผนวกที่ | 42 | หมายเลขโทรศัพท์ฉุกเฉิน ของหน่วยงานท้องถิ่น |
| ภาคผนวกที่ | 43 | ข้อมูลสารสนเทศทางด้านภูมิศาสตร์ (GIS) |

ภาคผนวก (ต่อ)

- ภาคผนวกที่ 44 สถิติการเกิดกระแสไฟฟ้าขัดข้อง
- ภาคผนวกที่ 45 แผนหลัก (Master Plan)
- ภาคผนวกที่ 46 รายงานสถิติอุบัติเหตุของโรงงานภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง
- ภาคผนวกที่ 47 ตัวอย่างจดหมายการนำส่งรายงานฯ ต่อหน่วยงานอนุญาต และหน่วยงานราชการที่เกี่ยวข้องของโรงงานภายในนิคมฯ อมตะซิตี้ ระยอง
- ภาคผนวกที่ 48 ข้อมูลทางด้านสาธารณสุข ประจำปี 2566
- ภาคผนวกที่ 49 ภาพการประชุมของคณะกรรมการกำกับดูแลการปฏิบัติงานด้านสิ่งแวดล้อมผ่านโครงการธงขาวดาวเขียว และการประชุม EIA Monitoring
- ภาคผนวกที่ 50 เอกสารเปลี่ยนชื่อโครงการ
- ภาคผนวกที่ 51 รายงานการติดตั้งบ่อสังเกตการณ์ตรวจสอบคุณภาพน้ำใต้ดินบริเวณพื้นที่สีเขียวภายในนิคมอุตสาหกรรมอมตะซิตี้ ระยอง และผลการตรวจวิเคราะห์คุณภาพน้ำใต้ดินบริเวณพื้นที่สีเขียว ประจำเดือนกรกฎาคม-ธันวาคม 2566
- ภาคผนวกที่ 52 หนังสือตอบรับการส่งรายงานการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม ประจำเดือนมกราคม-มิถุนายน 2566

ภาคผนวกที่ 1

ผลการตรวจติดตามคุณภาพสิ่งแวดล้อม

Test Report

Request No : W6606497

Report No : 6606-2593

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66061879

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 19/06/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 20/06/2023

Tested Date : 20/06/2023 - 28/06/2023

Reported Date : 01/07/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0033	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.3	≤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. /l 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 / Miss Nunnaphat Bakhuntod 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. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลฯ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

01/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

01/07/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6606497

Report No : 6606-2593

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66061879

Sample Name : Holding Pond (แหล่งที่ 1)**

Sampling Date : 19/06/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 20/06/2023

Tested Date : 20/06/2023 - 28/06/2023

Reported Date : 01/07/2023

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)	0.07	≤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	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,384	≤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)	0.31	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /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 / Miss Nunnaphat Bakhuntod 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.

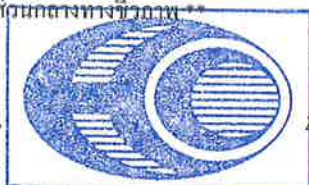
6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

01/07/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

01/07/2023

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Test Report

Request No : W6606633

Report No : 6607-0544

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 66062395

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 26/06/2023**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 27/06/2023

Tested Date : 27/06/2023 - 04/07/2023

Reported Date : 10/07/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.2	≤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	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,312	≤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)	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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของอ.พ. **

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

10/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

10/07/2023

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Test Report

Request No : W6606633

Report No : 6607-0544

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 : 27/06/2023 - 04/07/2023

Sample No : W 66062395

Sampling Date : 26/06/2023

Sampling Time : 9:00 AM

Received Date : 27/06/2023

Reported Date : 10/07/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	313	

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]

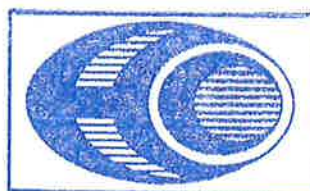
Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 Janthanee Saiphan (ว-003-ค-7281)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

10/07/2023

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Test Report

Request No : W6607059

Report No : 6607-1889

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070284

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 25/07/2023

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)	0.11	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.7	≤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)	51	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ค-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
25/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607059

Report No : 6607-1889

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070284

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 25/07/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ก-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

25/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607059

Report No : 6607-1889

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070284

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤5
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)	0.08	≤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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ค-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

Request No : W 6607059

Report No : 6607-1889

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070284

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 25/07/2023

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)	< 0.0020	≤ 0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S ₂ - F)	0.52	≤ 1
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)	15	≤ 100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	18	≤ 50

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

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

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


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

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

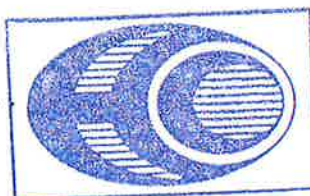
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ก-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
25/07/2023



Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-4367)
25/07/2023

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Test Report

Request No : W6607059

Report No : 6607-1889

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070284

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	0.05	≤0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.43	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ก-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

25/07/2023

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Test Report

Request No : W6607059

Report No : 6607-1889

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 : 04/07/2023 - 14/07/2023

Sample No : W 66070284

Sampling Date : 03/07/2023

Sampling Time : 10:30 AM

Received Date : 04/07/2023

Reported Date : 25/07/2023

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 : 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. Warakorn Vitayasewee (ว-003-ค-7283)

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/07/2023

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Request No. W6607059

Report No. 6607-1889

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 : 04/07/2023 -- 14/07/2023

Sample No. : W 66070284
 Sampling Date : 03/07/2023
 Sampling Time : 10:30 AM
 Received Date : 04/07/2023
 Reported Date : 25/07/2023

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 : 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]

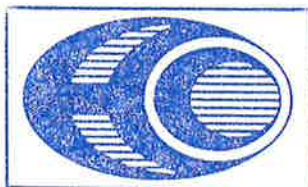
Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
 2.*** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
 3. Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-7283)
 4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

25/07/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607292

Report No : 6607-1903

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071077

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 10/07/2023**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 11/07/2023

Tested Date : 12/07/2023 - 21/07/2023

Reported Date : 25/07/2023

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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,180	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-4367)

25/07/2023

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

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Test Report

Request No : W6607292

Report No : 6607-1903

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 : 12/07/2023 - 21/07/2023

Sample No : W 66071077

Sampling Date : 10/07/2023

Sampling Time : 10:50 AM

Received Date : 11/07/2023

Reported Date : 25/07/2023

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

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 (๖-003-๖-5637)

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/07/2023

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Test Report

Request No : W 6607447

Report No : 6608-0143

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071610

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 02/08/2023

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

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod 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)

02/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

02/08/2023

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Test Report

Request No : W6607447

Report No : 6608-0143

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071610

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 02/08/2023

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)	0.05	≤ 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	33	≤ 40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,236	≤ 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)	0.35	≤ 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง กรุงเทพมหานคร

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

02/08/2023

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Test Report

Request No : W6607556

Report No : 6609-0577

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66072020

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 24/07/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 25/07/2023

Tested Date : 25/07/2023 - 01/08/2023

Reported Date : 13/09/2023

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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,008	≤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 degree celsius (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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-0016)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
13/09/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 25/07/2023 - 01/08/2023

Request No : W6607556

Report No : 6609- 0577

Sample No : W 66072020

Sampling Date : 24/07/2023

Sampling Time : 10:00 AM

Received Date : 25/07/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	265	-

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

13/09/2023

Test Report

Request No : W6608156

Report No : 6609-0574

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080647

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 15/08/2023

Reported Date : 13/09/2023

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)	3.4	≤500
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

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

13/09/2023

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Test Report

Request No : W6608156

Report No : 6609-0574

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080647

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 15/08/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard/ ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.05	≤1
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,176	≤3000

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

13/09/2023

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Test Report

Request No : W6608156

Report No : 6609-0574

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080647

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 15/08/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	10	≤200
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./1 Standard for Discharging Wastewater into the Central Wastewater Treatment System in Amata City Rayong (2017)

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

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ**

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

13/09/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608341

Report No : 6608-1981

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081188

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 14/08/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 24/08/2023

Reported Date : 26/08/2023

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	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,324	≤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 : 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

26/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

26/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608341

Report No : 6608-1981

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081188

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 14/08/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 24/08/2023

Reported Date : 26/08/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	343	-

Physical Apperance : 1. Sample : yellow, lightly SS

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

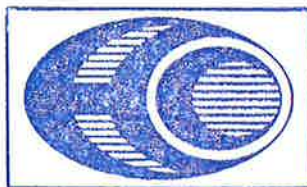
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/08/2023

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

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Test Report

Request No : W6608488

Report No : 6608-2435

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081745

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 21/08/2023**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 22/08/2023

Tested Date : 22/08/2023 - 29/08/2023

Reported Date : 31/08/2023

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)	< 2.0	≤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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจ.ฉะเชิงเทรา**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

31/08/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

31/08/2023

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

Test Report

Request No : W6608488

Report No : 6608-2435

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081745

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 21/08/2023**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 22/08/2023

Tested Date : 22/08/2023 - 29/08/2023

Reported Date : 31/08/2023

Parameter	Unit	Method	Result	Standard/l
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,244	≤3000
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[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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

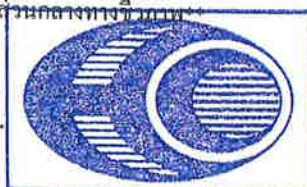
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคม

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
31/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
31/08/2023

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 : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 22/08/2023 - 29/08/2023

Request No : W6608488

Report No : 6608-2435

Sample No : W 66081745

Sampling Date : 21/08/2023**

Sampling Time : 9:05 AM**

Received Date : 22/08/2023

Reported Date : 31/08/2023

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

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางจิ๋วฉา**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

31/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

31/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608598

Report No : 6609-0212

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 66082220

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 28/08/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 29/08/2023

Tested Date : 30/08/2023 - 04/09/2023

Reported Date : 05/09/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane	< 2.0	≤20
		Electrode Method (SM:5210B)		
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric	< 40	≤120
		Method (SM:5220C)		
Oil and Grease *	mg/L	Partition-Gravimetric Method	< 3.0	≤5
		(SM:5520B)		
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	34	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius	1,308	≤3000
		(SM:2540C)		
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method	7	≤100
		(SM:4500 -Norg B)		
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius	< 5	≤50
		(SM:2540D)		

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
05/09/2023



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
05/09/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6608598

Report No : 6609- 0212

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 30/08/2023 - 04/09/2023

Sample No : W 66082220

Sampling Date : 28/08/2023

Sampling Time : 10:20 AM

Received Date : 29/08/2023

Reported Date : 05/09/2023

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	303	-

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 

(Miss Apiradee Chuen-arom)

05/09/2023

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6609086

Report No : 6609-0566

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090366

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

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,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

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
13/09/2023

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Test Report

Request No : W6609086

Report No : 6609-0566

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090366

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.05	≤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	28	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,240	≤3000

Physical Apperance : 1. Sample : lightly SS

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

Remark : 1. /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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-0016)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคม**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

13/09/2023

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Test Report

Request No : W6609086

Report No : 6609-0566

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090366

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8	≤50
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30	≤5

Physical Apperance : 1. Sample : lightly SS

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

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

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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
13/09/2023

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Test Report

Request No : W6609287

Report No : 6609-1599

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66091130

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 18/09/2023

Reported Date : 22/09/2023

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)	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	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,248	≤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 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

22/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

22/09/2023

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Test Report

Request No : W6609287

Report No : 6609-1599

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 : 12/09/2023 - 18/09/2023

Sample No : W 66091130

Sampling Date : 11/09/2023

Sampling Time : 10:00 AM

Received Date : 12/09/2023

Reported Date : 22/09/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	306	-

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

22/09/2023

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 : 19/09/2023 - 26/09/2023

Sample No : W 66091708

Sampling Date : 18/09/2023**

Sampling Time : 9:30 AM**

Received Date : 19/09/2023

Reported Date : 28/09/2023

Request No : W6609458

Report No : 6609-2052

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)	2.5	≤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

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/09/2023

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 : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 19/09/2023 - 26/09/2023

Sample No : W 66091708

Sampling Date : 18/09/2023**

Sampling Time : 9:30 AM**

Received Date : 19/09/2023

Reported Date : 28/09/2023

Request No : W6609458

Report No : 6609-2052

Parameter	Unit	Method	Result	Standard ^{1/}
Lead [@]	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.03	≤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	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,220	≤3000

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.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/09/2023

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Test Report

Request No : W6609458

Report No : 6609-2052

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66091708

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 18/09/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 19/09/2023

Tested Date : 19/09/2023 - 26/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤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,

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6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/09/2023

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Test Report

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 26/09/2023 - 02/10/2023

Sample No : W 66092174

Sampling Date : 25/09/2023**

Sampling Time : 10:40 AM**

Received Date : 26/09/2023

Reported Date : 03/10/2023

Request No : W6609582

Report No : 6610-0148

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	45	≤ 120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤ 40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,028	≤ 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 degree celsius (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.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลเมืองระยอง

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

03/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

03/10/2023

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Test Report

Request No : W6609582

Report No : 6610-0148

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 66092174

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 25/09/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 26/09/2023

Tested Date : 26/09/2023 - 02/10/2023

Reported Date : 03/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	296	

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. Sampling By Mr. Parkpoom Buasawad

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

03/10/2023

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Test Report

Request No : W6610028

Report No : 6610-1120

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100146

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 10:45 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0034	≤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)	3.8	≤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)	41	≤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,

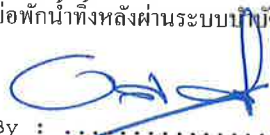
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*


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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนหลังของโรงงาน**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
18/10/2023

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

Test Report

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 03/10/2023 - 12/10/2023

Request No : W6610028

Report No : 6610-1120

Sample No : W 66100146

Sampling Date : 02/10/2023**

Sampling Time : 10:45 AM**

Received Date : 03/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	24	≤300
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	26	≤300
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤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,

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6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

18/10/2023

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Test Report

Request No : W6610028

Report No : 6610-1120

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100146

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 10:45 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤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,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	7.4	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,

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6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

18/10/2023



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Test Report

Request No : W6610028

Report No : 6610-1120

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100146

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 10:45 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.076	≤1
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	0.61	≤1
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,232	≤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 degree celsius (SM:2540D)	< 5	≤50

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

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

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

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6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด...

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

18/10/2023

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Test Report

Request No : W6610028

Report No : 6610-1120

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100146

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 10:45 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	≤ 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางเทศบาลฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

18/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610028

Report No : 6610-1120

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 : 03/10/2023 - 12/10/2023

Sample No : W 66100146

Sampling Date : 02/10/2023

Sampling Time : 10:45 AM

Received Date : 03/10/2023

Reported Date : 18/10/2023

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]

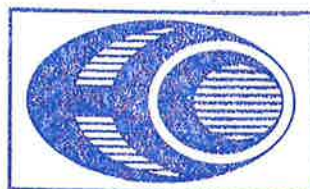
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6610028

Report No. 6610-1120

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No. : W 66100146
Sample Name : Holding Pond (แห่งที่ 1) Sampling Date : 02/10/2023
Sampling By : ETC Sampling Time : 10:45 AM
Sampling Method : Grab Received Date : 03/10/2023
Tested Date : 03/10/2023 – 12/10/2023 Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	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. Parkpoom Buasawad (ว-003-ค-0017)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองชลประทาน

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

Examined By 

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

18/10/2023

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

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Test Report

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 10/10/2023 - 20/10/2023

Sample No : W 66100915

Sampling Date : 09/10/2023**

Sampling Time : 9:35 AM**

Received Date : 10/10/2023

Reported Date : 24/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.8	≤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	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,272	≤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 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (จ-003-ก-0036)*

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

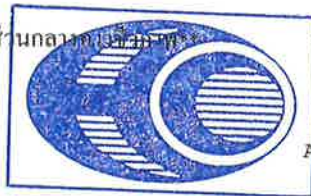
6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610237

Report No : 6610-1645

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100915

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 09/10/2023

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 10/10/2023

Tested Date : 10/10/2023 - 20/10/2023

Reported Date : 24/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	270	-

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]

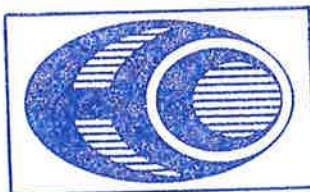
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/10/2023

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Test Report

Request No : W6610378

Report No : 6610-2058

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101374

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 25/10/2023

Reported Date : 28/10/2023

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, 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

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/10/2023

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Test Report

Request No : W6610378

Report No : 6610-2058

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101374

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 25/10/2023

Reported Date : 28/10/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,224	≤3000

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
28/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610378

Report No : 6610-2058

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101374

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 25/10/2023

Reported Date : 28/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางทิศเหนือ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610558

Report No : 6611-0172

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101945

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 25/10/2023**

Sampling By : ETC**

Sampling Time : 9:50 AM**

Sampling Method : Grab**

Received Date : 26/10/2023

Tested Date : 26/10/2023 - 01/11/2023

Reported Date : 03/11/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.5	≤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 degree celsius (SM:2540C)	1,212	≤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 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ค-7283)*

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

6. ##บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

03/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

03/11/2023

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Test Report

Request No : W6610558

Report No : 6611-0172

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101945

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 25/10/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/10/2023

Tested Date : 26/10/2023 - 01/11/2023

Reported Date : 03/11/2023

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]

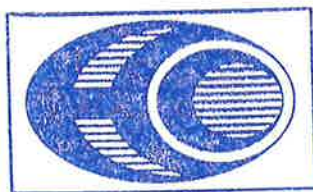
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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. Warakorn Vitayasewee

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

03/11/2023

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 : W6611150

Report No : 6611-1151

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66110657

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 06/11/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 07/11/2023

Tested Date : 07/11/2023 - 15/11/2023

Reported Date : 16/11/2023

Parameter	Unit	Method	Result	Standard/ ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0087	≤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

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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

16/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

16/11/2023

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

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Test Report

Request No : W6611150


Report No : 6611-1151

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No : W 66110657
Sample Name : Holding Pond (แห่งที่ 1)** Sampling Date : 06/11/2023**
Sampling By : ETC** Sampling Time : 10:00 AM**
Sampling Method : Grab** Received Date : 07/11/2023
Tested Date : 07/11/2023 - 15/11/2023 Reported Date : 16/11/2023


Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
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)	0.05	≤ 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	32	≤ 40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,068	≤ 3000

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 / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)*
5. ** = These data are non laboratory data.
6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนบุคคลทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
16/11/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
16/11/2023

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

Test Report

Request No : W6611150

Report No : 6611-1151

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 : 07/11/2023 - 15/11/2023

Sample No : W 66110657
Sampling Date : 06/11/2023**
Sampling Time : 10:00 AM**
Received Date : 07/11/2023
Reported Date : 16/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

6. ##บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
16/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
16/11/2023

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

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Test Report

Request No : W6611357

Report No : 6611-1879

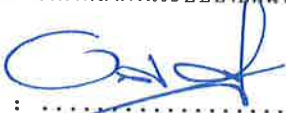
Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/11/2023 - 22/11/2023

Sample No : W 66111274
Sampling Date : 13/11/2023**
Sampling Time : 9:50 AM**
Received Date : 14/11/2023
Reported Date : 24/11/2023


Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.7	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.1	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,100	≤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 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
24/11/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
24/11/2023

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

Test Report

Request No : W6611357

Report No : 6611-1879

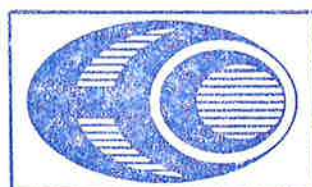
Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/11/2023 - 22/11/2023

Sample No : W 66111274
Sampling Date : 13/11/2023
Sampling Time : 9:50 AM
Received Date : 14/11/2023
Reported Date : 24/11/2023

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

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. 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
5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
24/11/2023

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

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Test Report


Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 21/11/2023 - 27/11/2023

Request No : W6611496
Report No : 6611-2273
Sample No : W 66111655
Sampling Date : 20/11/2023**
Sampling Time : 10:46 AM**
Received Date : 21/11/2023
Reported Date : 30/11/2023


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)	2.2	≤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

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 / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6611496

Report No : 6611-2273

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111655

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 10:46 AM**

Sampling Method : Grab**

Received Date : 21/11/2023

Tested Date : 21/11/2023 - 27/11/2023

Reported Date : 30/11/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
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	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤ 40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,096	≤ 3000

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611496

Report No : 6611-2273

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111655

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 10:46 AM**

Sampling Method : Grab**

Received Date : 21/11/2023

Tested Date : 21/11/2023 - 27/11/2023

Reported Date : 30/11/2023

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
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. /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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

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

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Test Report

Request No : W6611611

Report No : 6612-0071

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111966

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 27/11/2023**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 28/11/2023

Tested Date : 28/11/2023 - 02/12/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.7	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,160	≤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 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

06/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

06/12/2023

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

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Test Report

Request No : W6611611

Report No : 6612-0071

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 : 28/11/2023 - 02/12/2023

Sample No : W 66111966

Sampling Date : 27/11/2023

Sampling Time : 10:20 AM

Received Date : 28/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	239	-

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

5.## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

06/12/2023

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Test Report

Request No : W6612100

Report No : 6612-1082

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120400

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

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)	3.6	≤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

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวงหมายเลข 6

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

21/12/2023

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Test Report

Request No : W6612100

Report No : 6612-1082

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120400

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,120	≤3000

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr, Songpon Phiwan (จ-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ **

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/12/2023

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Test Report

Request No : W6612100

Report No : 6612-1082

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120400

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	<50
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.24	<5

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ท-0016)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียผ่านกองกักน้ำเสีย

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ท-0007)
21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ท-0005)
21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 1)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 12/12/2023 - 20/12/2023

Sample No : W 66121008

Sampling Date : 11/12/2023**

Sampling Time : 9:50 AM**

Received Date : 12/12/2023

Reported Date : 22/12/2023

Request No : W6612289

Report No : 6612-1288

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.9	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,010	≤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 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellowish, turbid

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของชุมชน

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

22/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

22/12/2023

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Test Report

Request No : W6612289

Report No : 6612-1288

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66121008

Sample Name : Holding Pond (แห่งที่ 1)

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 12/12/2023 - 20/12/2023

Reported Date : 22/12/2023

Parameter	Unit	Method	Result	Standard/l
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	232	-

Physical Apperance : 1. Sample : yellowish, turbid

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

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

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

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

4. Sampling By Mr. Parkpoom Buasawad

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
22/12/2023

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Test Report

Request No : W6606501, W 6607219

Report No : 6607-1188-1, 6607-1189

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66061886, W 66070876

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 19/06/2023, 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:15 AM, 11:15 AM**

Sampling Method : Grab**

Received Date : 20/06/2023, 07/07/2023

Tested Date : 20/06/2023 - 29/06/2023

Reported Date : 17/07/2023

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)	2.9	≤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./2 Sample No. W66070876 : Sampling Date 03/07/2023 (11:15 AM) : Tested Date 07/07/2023 - 13/07/2023

3. # = 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

6. ** = These data are non laboratory data. / ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

SUPPLEMENT TO TEST REPORT NO. 6607-1188

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
17/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
17/07/2023

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Test Report

Request No : W6606501, W 6607219

Report No : 6607-1188-1, 6607-1189

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66061886, W 66070876

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 19/06/2023, 03/07/2023**

Sampling By : ETC**

Sampling Time : 10:15 AM, 11:15 AM**

Sampling Method : Grab**

Received Date : 20/06/2023, 07/07/2023

Tested Date : 20/06/2023 - 29/06/2023

Reported Date : 17/07/2023

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)	0.18	≤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	32	≤40
Total Dissolved Solids #/2	mg/L	Dried at 180 C (SM:2540C)	2,286	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	9	≤50
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

2./2 Sample No. W66070876 : Sampling Date 03/07/2023 (11:15 AM) : Tested Date 07/07/2023 - 13/07/2023

3. # = 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

6. ** = These data are non laboratory data. / ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
17/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
17/07/2023

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Test Report

Request No : W6606635

Report No : 6607-1728

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66062400

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 26/06/2023**

Sampling By : ETC**

Sampling Time : 9:45 AM**

Sampling Method : Grab**

Received Date : 27/06/2023

Tested Date : 27/06/2023 - 03/07/2023

Reported Date : 21/07/2023

Parameter	Unit	Method	Result	Standard/1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.2	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	34	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	2,432	≤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)	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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthancee Saiphan (จ-003-ค-7281) *

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


6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม**

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)
21/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)
21/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606635

Report No : 6607 -1728

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66062400

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 26/06/2023

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 27/06/2023

Tested Date : 27/06/2023 - 03/07/2023

Reported Date : 21/07/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	775	-

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 Janthanee Saiphan (ว-003-ค-7281)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/07/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6607062

Report No : 6607-1426

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070292

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0049	≤0.25
Barium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.0	≤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)	48	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayaseewee (จ-003-ก-7283)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Jiraporn Pankong)
(จ-003-ก-4445)
19/07/2023



Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-4367)
19/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607062

Report No : 6607-1426

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070292

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 19/07/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Formaldehyde *	mg/L	Distillation, Colorimetric Method	0.55	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ท-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ

Examined By :

(Miss Jiraporn Pankong)
(จ-003-ท-4445)
19/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ท-4367)
19/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607062

Report No : 6607-1426

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070292

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.11	≤5
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)	0.14	≤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

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

3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ก-7283)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด

Examined By :

(Miss Jiraporn Pankong)

(จ-003-ก-4445)

19/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

19/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607062

Report No : 6607-1426

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070292

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 19/07/2023

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)	< 0.0020	≤ 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)	2,286	≤ 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)	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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ค-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ**

Examined By :

(Miss Jiraporn Pankong)

(จ-003-ค-4445)

19/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

19/07/2023

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Test Report

Request No : W6607062

Report No : 6607-1426

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66070292

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 03/07/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 04/07/2023

Tested Date : 04/07/2023 - 14/07/2023

Reported Date : 19/07/2023

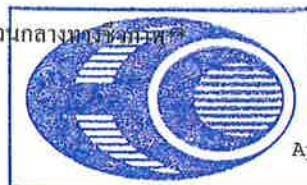
Parameter	Unit	Method	Result	Standard ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤ 5

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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ค-7283)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด*

Examined By : 

(Miss Jiraporn Pankong)
(จ-003-ค-4445)
19/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
19/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6607062

Report No : 6607- 1426

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 : 04/07/2023 - 14/07/2023

Sample No : W 66070292

Sampling Date : 03/07/2023

Sampling Time : 11:15 AM

Received Date : 04/07/2023

Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard/l
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. Warakorn Vitayasewee (ว-003-ก-7283)

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Jiraporn Pankong)

19/07/2023

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Request No. W6607062

Report No. 6607-1426

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 04/07/2023 – 14/07/2023

Sample No. : W 66070292

Sampling Date : 03/07/2023

Sampling Time : 11:15 AM

Received Date : 04/07/2023

Reported Date : 19/07/2023

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. Warakorn Vitayasewee (ว-003-ค-7283)

4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ

Examined By : 

(Miss Jiraporn Pankong)

(ว-003-ค-4445)

19/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

19/07/2023

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Test Report

Request No : W6607294

Report No : 6607-1908

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071082

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 10/07/2023**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 11/07/2023

Tested Date : 12/07/2023 - 21/07/2023

Reported Date : 25/07/2023

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	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)	2,276	≤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)	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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทรงชัยวิท

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
25/07/2023

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Test Report

Request No : W6607294

Report No : 6607-1908

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 : 12/07/2023 - 21/07/2023

Sample No : W 66071082

Sampling Date : 10/07/2023

Sampling Time : 10:00 AM

Received Date : 11/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	702	-

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 อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/07/2023

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

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Test Report

Request No : W6607450

Report No : 6608-0146

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071616

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 02/08/2023

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)	6.1	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod 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. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางโรงงานอุตสาหกรรม**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

02/08/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

02/08/2023

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

Test Report

Request No : W6607450

Report No : 6608-0146

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66071616

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 18/07/2023

Tested Date : 18/07/2023 - 27/07/2023

Reported Date : 02/08/2023

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)	0.08	≤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	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	2,412	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	25	≤50
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลาง, บ่อพักน้ำ

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-๖-4377)

02/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(๖-003-๖-4367)

02/08/2023



Test Report

Request No : W 6607558

Report No : 6608-0488

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66072025

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 24/07/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 25/07/2023

Tested Date : 25/07/2023 - 02/08/2023

Reported Date : 04/08/2023

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	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	1,936	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod 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)

04/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

04/08/2023

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

Test Report

Request No : W6607558

Report No : 6608-0488

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 25/07/2023 - 02/08/2023

Sample No : W 66072025

Sampling Date : 24/07/2023

Sampling Time : 10:30 AM

Received Date : 25/07/2023

Reported Date : 04/08/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	421	-

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)

04/08/2023

Test Report

Request No : W6608160

Report No : 6608-1716

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080655

Sample Name : Holding Pond (แหล่งที่ 2)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 18/08/2023

Reported Date : 23/08/2023

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)	5.0	≤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

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

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

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

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

23/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

23/08/2023

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

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Test Report

Request No : W6608160

Report No : 6608-1716

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080655

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 18/08/2023

Reported Date : 23/08/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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	6.5	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	2,504	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	34	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

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

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
23/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
23/08/2023

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Test Report

Request No : W6608160

Report No : 6608-1716

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66080655

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 07/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 08/08/2023

Tested Date : 08/08/2023 - 18/08/2023

Reported Date : 23/08/2023

Parameter	Unit	Method	Result	Standard/1
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนคลองทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

23/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

23/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608343

Report No : 6608-1986

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081193

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 14/08/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 24/08/2023

Reported Date : 26/08/2023

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)	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	34	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	2,564	≤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)	30	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

26/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

26/08/2023

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

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Test Report

Request No : W6608343

Report No : 6608-1986

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 : 16/08/2023 - 24/08/2023

Sample No : W 66081193

Sampling Date : 14/08/2023

Sampling Time : 10:10 AM

Received Date : 15/08/2023

Reported Date : 26/08/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	573	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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


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

4. Sampling By Mr. Parkpoom Buasawad

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

 Examined By : 

(Miss Apiradee Chuen-arom)

26/08/2023

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

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Test Report

Request No : W6608491

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

Report No : 6608-2431

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081751

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 21/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 22/08/2023

Tested Date : 22/08/2023 - 29/08/2023

Reported Date : 31/08/2023

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)	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

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

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

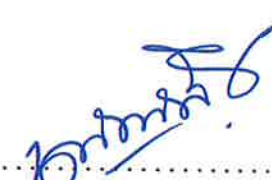
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
31/08/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
31/08/2023

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

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Test Report

Request No : W6608491

Report No : 6608-2431

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081751

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 21/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 22/08/2023

Tested Date : 22/08/2023 - 29/08/2023

Reported Date : 31/08/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,516	≤3000

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัดนครราชสีมา

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
31/08/2023



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
31/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608491

Report No : 6608-2431

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66081751

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 21/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 22/08/2023

Tested Date : 22/08/2023 - 29/08/2023

Reported Date : 31/08/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	22	≤50
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมฯ**

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
31/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
31/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608600

Report No : 6611-2142

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66082225

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 28/08/2023**

Sampling By : ETC**

Sampling Time : 10:55 AM**

Sampling Method : Grab**

Received Date : 29/08/2023

Tested Date : 30/08/2023 - 04/09/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	28	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,674	≤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 degree celsius (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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

28/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

28/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608600

Report No : 6611-2142

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66082225

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 28/08/2023

Sampling By : ETC

Sampling Time : 10:55 AM

Sampling Method : Grab

Received Date : 29/08/2023

Tested Date : 30/08/2023 - 04/09/2023

Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	812	

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

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/11/2023

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Test Report

Request No : W6609091

Report No : 6609-0569

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090375

Sample Name : Holding Pond (แหล่งที่ 2)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

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)	4.5	≤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

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

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

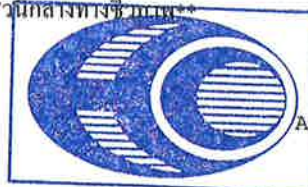
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลั่นทางตะวันออก**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
13/09/2023

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Test Report

Request No : W6609091

Report No : 6609-0569

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090375

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.07	≤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 degree celsius (SM:2540C)	2,664	≤3000

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ท-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)
(ว-003-ท-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(ว-003-ท-0005)
13/09/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230

Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6609091

Report No : 6609-0569

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66090375

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/09/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 05/09/2023

Tested Date : 05/09/2023 - 12/09/2023

Reported Date : 13/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	43	≤50
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By : 

(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
13/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
13/09/2023

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Test Report

Request No : W6609289

Report No : 6609-1604

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66091135

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 11/09/2023**

Sampling By : ETC**

Sampling Time : 10:30 AM**

Sampling Method : Grab**

Received Date : 12/09/2023

Tested Date : 12/09/2023 - 21/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.9	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,448	≤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 degree celsius (SM:2540D)	34	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

23/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

23/09/2023

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Test Report

Request No : W6609289

Report No : 6609-1604

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 : 12/09/2023 - 21/09/2023

Sample No : W 66091135

Sampling Date : 11/09/2023

Sampling Time : 10:30 AM

Received Date : 12/09/2023

Reported Date : 23/09/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	769	-

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

23/09/2023

Test Report

Request No : W6609462

Report No : 6609-2048

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66091715

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 18/09/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 19/09/2023

Tested Date : 19/09/2023 - 26/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0034	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.8	≤20
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, 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

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/09/2023

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Test Report

Request No : W6609462

Report No : 6609-2048

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66091715

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 18/09/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 19/09/2023

Tested Date : 19/09/2023 - 26/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard/l
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.13	≤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 degree celsius (SM:2540C)	2,124	≤3000

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*

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

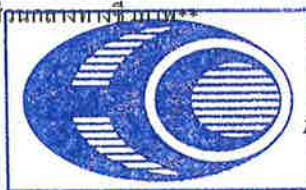
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางตะวันออก**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

28/09/2023

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 : 19/09/2023 - 26/09/2023

Sample No : W 66091715

Sampling Date : 18/09/2023**

Sampling Time : 10:10 AM**

Received Date : 19/09/2023

Reported Date : 28/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	37	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤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,

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
28/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
28/09/2023

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

Test Report

Request No : W6609584

Report No : 6610-0151

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample No : W 66092179

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 25/09/2023**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 26/09/2023

Tested Date : 26/09/2023 - 02/10/2023

Reported Date : 03/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	54	≤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	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,984	≤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 degree celsius (SM:2540D)	34	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 2**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

03/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

03/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6609584

Report No : 6610-0151

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 : 26/09/2023 - 02/10/2023

Sample No : W 66092179

Sampling Date : 25/09/2023

Sampling Time : 11:05 AM

Received Date : 26/09/2023

Reported Date : 03/10/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	487	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. Sampling By Mr. Parkpoom Buasawad

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

03/10/2023

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Test Report

Request No : W6610031

Report No : 6610-1130

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100153

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029	≤0.25
Barium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤1
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.7	≤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)	41	≤120

Physical Apperance : 1. Sample : lightly SS, nonsmelling

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
18/10/2023

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Test Report

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย##

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 03/10/2023 - 12/10/2023

Request No : W6610031

Report No : 6610-1130

Sample No : W 66100153

Sampling Date : 02/10/2023**

Sampling Time : 11:30 AM**

Received Date : 03/10/2023

Reported Date : 18/10/2023

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,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤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 : lightly SS, nonsmelling

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

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

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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)

18/10/2023

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Test Report

Request No : W6610031

Report No : 6610-1130

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100153

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5
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)	0.07	≤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

Physical Apperance : 1. Sample : lightly SS, nonsmelling

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

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

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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
18/10/2023

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Test Report

Request No : W6610031

Report No : 6610-1130

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100153

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 11:30 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 12/10/2023

Reported Date : 18/10/2023

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)	< 0.0020	≤0.02
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	0.65	≤1
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,046	≤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 degree celsius (SM:2540D)	27	≤50

Physical Apperance : 1. Sample : 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,

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของโรงงาน

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
18/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 03/10/2023 - 12/10/2023


Request No : W6610031
Report No : 6610-1130

Sample No : W 66100153
Sampling Date : 02/10/2023**
Sampling Time : 11:30 AM**
Received Date : 03/10/2023
Reported Date : 18/10/2023

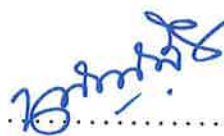
Parameter	Unit	Method	Result	Standard/ ¹
Trivalent Chromium *	mg/L as Cr ³⁺	Digestion, Direct ICP Method; Filtration, Colorimetric Method; Calculation (SM:3500 -Cr B, 3120B)	< 0.03	≤ 0.75
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤ 5

Physical Appearance : 1. Sample : 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 / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
18/10/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
18/10/2023

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Test Report

Request No : W6610031

Report No : 6610-1130

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 : 03/10/2023 - 12/10/2023

Sample No : W 66100153

Sampling Date : 02/10/2023

Sampling Time : 11:30 AM

Received Date : 03/10/2023

Reported Date : 18/10/2023

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 : lightly SS, nonsmelling

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

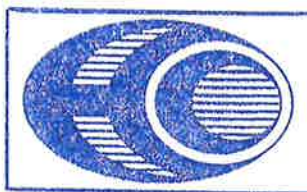
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

18/10/2023

Request No. W6610031

Report No. 6610-1130

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##
Sample Name : Holding Pond (แห่งที่ 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 03/10/2023 – 12/10/2023
Sample No. : W 66100153
Sampling Date : 02/10/2023
Sampling Time : 11:30 AM
Received Date : 03/10/2023
Reported Date : 18/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)
4. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียแห่งที่ 2
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

Examined By

(Miss Apitadee Chuen-arom)

(ว-003-ค-0007)

18/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

18/10/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610239

Report No : 6610-1650

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66100920

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 09/10/2023**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 10/10/2023

Tested Date : 10/10/2023 - 20/10/2023

Reported Date : 24/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.7	≤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	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,256	≤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 degree celsius (SM:2540D)	29	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-ค-0036)*

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

24/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

24/10/2023

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Test Report

Request No : W6610239

Report No : 6610-1650

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample Name : Holding Pond (แห่งที่ 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 10/10/2023 - 20/10/2023

Sample No : W 66100920

Sampling Date : 09/10/2023

Sampling Time : 9:55 AM

Received Date : 10/10/2023

Reported Date : 24/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	548	

Physical Apperance : 1. Sample : yellow, lightly SS

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

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

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

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

4. Sampling By Miss Pompinan Viriyakusolkul

5. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/10/2023

Test Report

Request No : W6610381

Report No : 6610-2061

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101380

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 25/10/2023

Reported Date : 28/10/2023

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)	2.3	≤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

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/10/2023

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Test Report

Request No : W6610381

Report No : 6610-2061

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ## Sample No : W 66101380
Sample Name : Holding Pond (แห่งที่ 2)** Sampling Date : 16/10/2023**
Sampling By : ETC** Sampling Time : 9:25 AM**
Sampling Method : Grab** Received Date : 17/10/2023
Tested Date : 17/10/2023 - 25/10/2023 Reported Date : 28/10/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.11	≤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 degree celsius (SM:2540C)	2,572	≤3000

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ก-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-0007)
28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ก-0005)
28/10/2023

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Test Report

Request No : W6610381

Report No : 6610-2061

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101380

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 17/10/2023

Tested Date : 17/10/2023 - 25/10/2023

Reported Date : 28/10/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	24	≤50
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. /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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/10/2023

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Test Report

Request No : W6610560

Report No : 6701-0175

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66101950

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 25/10/2023**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 26/10/2023

Tested Date : 26/10/2023 - 01/11/2023

Reported Date : 05/01/2024

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)	41	≤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	32	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,072	≤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 degree celsius (SM:2540D)	24	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Warakorn Vitayasewee (จ-003-ก-7283)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

05/01/2024



บริษัท เอสทีคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

05/01/2024

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Test Report

Request No : W6610560

Report No : 6701-0175

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 : 26/10/2023 - 01/11/2023

Sample No : W 66101950

Sampling Date : 25/10/2023

Sampling Time : 9:25 AM

Received Date : 26/10/2023

Reported Date : 05/01/2024

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	558	-

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]

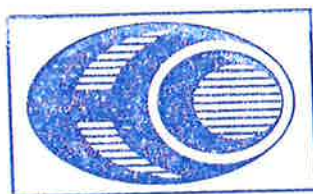
Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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. Warakorn Vitayasewee

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
05/01/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611154

Report No : 6611-1447

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66110665

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 06/11/2023**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 07/11/2023

Tested Date : 07/11/2023 - 15/11/2023

Reported Date : 20/11/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0034	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.3	≤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

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,

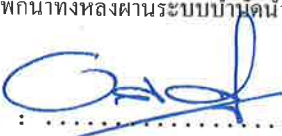
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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


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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของตัวเหม*

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
20/11/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
20/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611154

Report No : 6611-1447

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66110665

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 06/11/2023**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 07/11/2023

Tested Date : 07/11/2023 - 15/11/2023

Reported Date : 20/11/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.11	≤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 degree celsius (SM:2540C)	2,096	≤3000

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.

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

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางวิศวกรรม**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-0007)
20/11/2023



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ท-0005)
20/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611154

Report No : 6611-1447

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66110665

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 06/11/2023**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 07/11/2023

Tested Date : 07/11/2023 - 15/11/2023

Reported Date : 20/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	19	≤50
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	≤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.

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

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

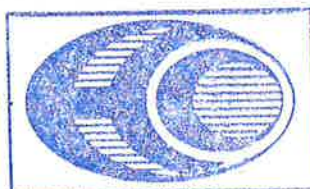
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

20/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

20/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611359

Report No : 6611-1875

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111279

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 22/11/2023

Reported Date : 24/11/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.3	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,104	≤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 degree celsius (SM:2540D)	25	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

24/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

24/11/2023

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Test Report

Request No : W6611359

Report No : 6611-1875

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111279

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 22/11/2023

Reported Date : 24/11/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	550	-

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]

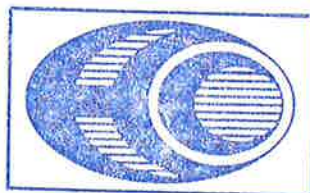
Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 Mr. Songpon Phiwuan

5. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

24/11/2023

Test Report

Request No : W6611499

Report No : 6611-2278

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 : 21/11/2023 - 27/11/2023
Sample No : W 66111661
Sampling Date : 20/11/2023**
Sampling Time : 11:20 AM**
Received Date : 21/11/2023
Reported Date : 30/11/2023

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)	4.9	≤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

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 / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*
5. ** = These data are non laboratory data.
6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางเข้าถนน**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

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Test Report

Request No : W6611499

Report No : 6611-2278

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111661

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 21/11/2023

Tested Date : 21/11/2023 - 27/11/2023

Reported Date : 30/11/2023

Parameter	Unit	Method	Result	Standard/ ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
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)	0.18	≤ 1
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	6.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,252	≤ 3000

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,

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

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Test Report

Request No : W6611499

Report No : 6611-2278

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111661

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 11:20 AM**

Sampling Method : Grab**

Received Date : 21/11/2023

Tested Date : 21/11/2023 - 27/11/2023

Reported Date : 30/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	27	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	≤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.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
30/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
30/11/2023

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Test Report

Request No : W6611613

Report No : 6612-0067

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66111971

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 27/11/2023**

Sampling By : ETC**

Sampling Time : 10:55 AM**

Sampling Method : Grab**

Received Date : 28/11/2023

Tested Date : 28/11/2023 - 02/12/2023

Reported Date : 06/12/2023

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 #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	50	≤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 degree celsius (SM:2540C)	2,280	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	26	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	25	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

06/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

06/12/2023

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Test Report

Request No : W6611613

Report No : 6612-0067

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 : 28/11/2023 - 02/12/2023

Sample No : W 66111971

Sampling Date : 27/11/2023

Sampling Time : 10:55 AM

Received Date : 28/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard/ ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	593	-

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

5.## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/12/2023

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

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Test Report

Request No : W6612103

Report No : 6612-1087

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120407

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

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)	3.6	≤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

Physical Appearance : 1. Sample : lightly SS

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

Remark : 1. /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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ท-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6612103

Report No : 6612-1087

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

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

Sampling Source : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120407

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
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)	0.15	≤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 degree celsius (SM:2540C)	2,240	≤3000

Physical Apperance : 1. Sample : lightly SS

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

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

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ท-0016)*

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

6. ## บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางจังหวัด**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6612103

Report No : 6612-1087

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66120407

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:50 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 16/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	16	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤5

Physical Apperance : 1. Sample : lightly SS

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

Remark : 1. /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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางหลวง

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6612291

Report No : 6612-1442

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

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66121013

Sample Name : Holding Pond (แห่งที่ 2)**

Sampling Date : 11/12/2023**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 12/12/2023

Tested Date : 12/12/2023 - 22/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.8	5.5-9.0
Temperature *	°C	Laboratory and Field Method	31	≤40
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,124	≤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 degree celsius (SM:2540D)	15	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางของนิคมอุตสาหกรรม

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
25/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
25/12/2023

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

Test Report

Request No : W6612291

Report No : 6612-1442

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย ##

Sample No : W 66121013

Sample Name : Holding Pond (แห่งที่ 2)

Sampling Date : 11/12/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 12/12/2023

Tested Date : 12/12/2023 - 22/12/2023

Reported Date : 25/12/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	595	-

Physical Apperance : 1. Sample : yellow, lightly SS

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

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

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

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

4. Sampling By Mr. Parkpoom Buasawad

6. ##บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/12/2023

Test Report

Request No : W6606500

Report No : 6606-2161

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 66061883

Sample Name : Effluent**

Sampling Date : 19/06/2023**

Sampling By : ETC**

Sampling Time : 8:30 AM - 9:15 AM**

Sampling Method : Composit**

Received Date : 20/06/2023

Tested Date : 22/06/2023

Reported Date : 27/06/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 1.0 L]

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 / Miss Nunnaphat Bakhuntod 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Kroha Plant)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

27/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

27/06/2023

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COPY

Test Report

Request No : W6607449

Report No : 6607-1909

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 66071613

Sample Name : Effluent**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 12:00 PM - 12:45 PM**

Sampling Method : Composit**

Received Date : 18/07/2023

Tested Date : 22/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	21	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Kroha-Plant)**

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Composit**

Tested Date : 25/08/2023

Request No : W6608490

Report No : 6608 -2099

Sample No : W 66081748

Sampling Date : 21/08/2023**

Sampling Time : 8:30 AM - 9:15 AM**

Received Date : 22/08/2023

Reported Date : 28/08/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	12	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 1.0 L]

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Wastewater Treatment Plant No. 2)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
28/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
28/08/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

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



TESTING
No.0159

Test Report

Request No : W6609461

Report No : 6609-1762

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 66091712

Sample Name : Effluent**

Sampling Date : 18/09/2023**

Sampling By : ETC**

Sampling Time : 9:10 AM - 9:55 AM**

Sampling Method : Composit**

Received Date : 19/09/2023

Tested Date : 21/09/2023

Reported Date : 25/09/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลาง กิ่งอำเภอ (Kroha Plant)**

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
25/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
25/09/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6610380

Report No : 6610-1522

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 66101377

Sample Name : Effluent**

Sampling Date : 16/10/2023**

Sampling By : ETC**

Sampling Time : 8:30 AM - 9:15 AM**

Sampling Method : Composit**

Received Date : 17/10/2023

Tested Date : 18/10/2023

Reported Date : 20/10/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

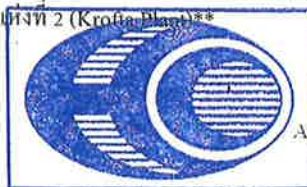
6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krotha Plant)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

20/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

20/10/2023

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Test Report

Request No : W6611498

Report No : 6611-1905

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 2 ##

Sample No : W 66111658

Sample Name : Effluent **

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 10:25 AM - 11:15 AM**

Sampling Method : Composit**

Received Date : 21/11/2023

Tested Date : 21/11/2023

Reported Date : 24/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	12	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 1.0 L]

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

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

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

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 2 (Krofa Plant)**

Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)
24/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)
24/11/2023

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

Test Report

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample Name : Effluent**

Sampling By : ETC**

Sampling Method : Composit**

Tested Date : 22/06/2023

Request No : W6606503

Report No : 6606-2160

Sample No : W 66061888

Sampling Date : 19/06/2023**

Sampling Time : 10:10 AM - 10:55 AM**

Received Date : 20/06/2023

Reported Date : 27/06/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	21	≤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 / Miss Nunnaphat Bakhuntod 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. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (W66061888)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

27/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

27/06/2023

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Test Report

Request No : W6607451

Report No : 6607-1910

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 66071617

Sample Name : Effluent**

Sampling Date : 17/07/2023**

Sampling By : ETC**

Sampling Time : 11:00 AM - 11:45 AM**

Sampling Method : Composit**

Received Date : 18/07/2023

Tested Date : 22/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	18	≤50

Physical Apperance : 1. Sample : slightly - white, 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 / Miss Nunnaphat Bakhuntod 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 (WWT4-GU)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ส 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

Request No : W6608492

Report No : 6608 - 2100

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 66081752

Sample Name : Effluent **

Sampling Date : 21/08/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 22/08/2023

Tested Date : 25/08/2023

Reported Date : 28/08/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	39	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 (WAW/2016-01)**

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

28/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

28/08/2023

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Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 09/11/2023

Request No : W6611156
Report No : 6611-0952

Sample No : W 66110667
Sampling Date : 06/11/2023**
Sampling Time : 10:20 AM**
Received Date : 07/11/2023
Reported Date : 08/12/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	21	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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


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

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

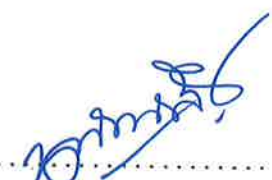
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)**

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWT4-CT)**

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
08/12/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
08/12/2023

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Test Report

Request No : W6611502

Report No : 6611-1903

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 66111664

Sample Name : Effluent **

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM - 12:15 PM**

Sampling Method : Composit**

Received Date : 21/11/2023

Tested Date : 21/11/2023

Reported Date : 24/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	43	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

24/11/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

24/11/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

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



TESTING
No.0159

Test Report

Request No : W6611500

Report No : 6611-1904

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

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

Sampling Source : ระบบบำบัดน้ำเสียส่วนกลาง : แห่งที่ 4 ##

Sample No : W 66111662

Sample Name : Effluent**

Sampling Date : 20/11/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM - 12:15 PM**

Sampling Method : Composit**

Received Date : 21/11/2023

Tested Date : 21/11/2023

Reported Date : 24/11/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	43	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ค-0035)*

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

6. ## ระบบบำบัดน้ำเสียส่วนกลางทางชีวภาพ แห่งที่ 4 (WWTP4-C-T13)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

24/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

24/11/2023

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Test Report

Request No : W 6608344, W6610387

Report No : 6610-1895-1, 6610-1899

Customer : Amata City Rayong Co., Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ(W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2023 - 12/09/2023
Sample No : W 66081194, W 66101386
Sampling Date : 14/08/2023, 16/10/2023**
Sampling Time : 11:00 AM, 9:40 AM**
Received Date : 15/08/2023, 17/10/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #/2	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)	28.8	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	≤ 20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	246	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500 -O C)	6.4	≥ 4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	22,000	≤ 4000
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.86	≤ 1

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101386: Sampling Date 16/10/2023 (9:40 AM) : Tested Date 17/10/2023 - 21/10/2023

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. ฐ*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Cyanide = 0.001 mg/L]*** = These data are non laboratory data.

SUPPLEMENT 1. 11.1 REQUEST NO. 6610-1895



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)
26/10/2023

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Test Report

Request No :W 6608344,W6610387

Report No :6610-1895-1, 6610-1899

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท** Sample No : W 66081194, W 66101386
Sample Name : บริเวณบ้านหนองตองเหนือสายกั้นน้ำในนิคมฯ(W1)** Sampling Date : 14/08/2023, 16/10/2023**
Sampling By : ETC** Sampling Time : 11:00 AM, 9:40 AM**
Sampling Method : Grab** Received Date : 15/08/2023, 17/10/2023
Tested Date : 16/08/2023 - 12/09/2023 Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.99	≤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)	21.4	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	52.2	-
Temperature *	°C	Laboratory and Field Method	31	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	225	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101386: Sampling Date 16/10/2023 (9:40 AM) : Tested Date 17/10/2023 - 21/10/2023

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. *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6.Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L] ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6610-1895



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Nunnaphat Bakhuntod)

26/10/2023

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Test Report

Request No : W 6608344, W6610387
Report No : 6610-1895-1, 6610-1899

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ(W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2023 - 12/09/2023
Sample No : W 66081194, W 66101386
Sampling Date : 14/08/2023, 16/10/2023**
Sampling Time : 11:00 AM, 9:40 AM**
Received Date : 15/08/2023, 17/10/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	565	-
Turbidity ^{*/2}	NTU	Nephelometric Method (SM:2130B)	69.1	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101386: Sampling Date 16/10/2023 (9:40 AM) : Tested Date 17/10/2023 - 21/10/2023

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. *** = คุณภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Example = 0.008 mg/L] ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6610-1895

Examined By :



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

(Miss Nunnaphat Bakhuntod)
26/10/2023

Test Report

Request No : W6608344

Customer : Amata City Rayong Co.,Ltd.

Report No : 6610-1895

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

Sampling Source : ห้วยไทร

Sample No : W 66081194

Sample Name : บริเวณบ้านหนองตอง เนื้อฝ้ายกั้นน้ำในนิคมฯ (W1) Sampling Date : 14/08/2023

Sampling By : ETC

Sampling Time : 11:00 AM

Sampling Method : Grab

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 12/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.35	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/10/2023

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Request No. W6608344

Report No. 6610-1895

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 16/08/2023 – 12/09/2023
Sample No. : W 66081194
Sampling Date : 14/08/2023
Sampling Time : 11:00 AM
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 L]

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2.**** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

26/10/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608344, W6610387
Report No : 6610-1896-1, 6610-1900

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 : 16/08/2023 - 12/09/2023

Sample No : W 66081195, W 66101387

Sampling Date : 14/08/2023, 16/10/2023**

Sampling Time : 9:40 AM, 9:50 AM**

Received Date : 15/08/2023, 17/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #/2	mg/L	5-Day BOD Test, Membrane	< 2.0	≤ 2
		Electrode Method (SM:5210B)		
Chloride *	mg/L as Cl ₂	Argentometric Method	29.5	-
		(SM:4500-Cl- B)		
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	13,000	≤ 20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	261	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method	0.001	≤ 0.005
		(SM:4500 CN- C, E)		
Dissolved Oxygen *	mg/L	Azide Modification Method	7.9	≥ 4
		(SM:4500 -O C)		
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	2,200	≤ 4000
Manganese @	mg/L	Digestion, Inductively Coupled	1.32	≤ 1
		Plasma Method (SM:3030F, 3120B)		

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. /2 Sample No. W66101387: Sampling Date 16/10/2023 (9:50 AM) : Tested Date 17/10/2023 - 21/10/2023

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. ** = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพมาตรฐานตามธรรมชาติ เกิน 3 องค์ประกอบ

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L] - These data are non laboratory data.

SUPPLEMENT TO TISI 17025:2017 NO. 6610-1896



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

26/10/2023

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Test Report

Request No : W 6608344, W6610387

Report No : 6610-1896-1, 6610-1900

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66081195, W 66101387

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling Date : 14/08/2023, 16/10/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM, 17/10/2023**

Sampling Method : Grab**

Received Date : 15/08/2023, 17/10/2023

Tested Date : 16/08/2023 - 12/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Nitrogen (Nitrate) *	mg/L as NO ₃ -	N Cadmium Reduction Method (SM:4500-NO ₃ -B)	3.64	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.019	≤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)	22.4	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ -E)	60.5	-
Temperature *	°C	Laboratory and Field Method	32	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	293	-

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101387: Sampling Date 16/10/2023 (9:50 AM) : Tested Date 17/10/2023 - 21/10/2023

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

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4. *** = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพตามธรรมชาติ เกิน 3 องค์ประกอบ

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management.

7. MDL = Method Detection Limit [MDL of Cadmium = 0.008 mg/L] /** = These data are non laboratory data.

SUPPLEMENT TO THE REPORT NO. 6610-1896



Examined By : 

(Miss Nunnaphat Bakhuntod)

26/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Test Report

Request No : W 6608344, W6610387

Report No : 6610-1896-1, 6610-1900

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66081195, W 66101387

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)**

Sampling Date : 14/08/2023, 16/10/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM, 9:50 AM**

Sampling Method : Grab**

Received Date : 15/08/2023, 17/10/2023

Tested Date : 16/08/2023 - 12/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	96	-
Turbidity ^{*/2}	NTU	Nephelometric Method (SM:2130B)	50.4	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101387: Sampling Date 16/10/2023 (9:50 AM) : Tested Date 17/10/2023 - 21/10/2023

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. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Cr(VI) = 0.008 mg/L] ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6610-1896



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

26/10/2023

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Test Report

Request No : W6608344

Report No : 6610-1896

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 66081195

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ(W2)

Sampling Date : 14/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 12/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.24	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/10/2023

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Request No. W6608344

Report No. 6610-1896

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 : 16/08/2023 – 12/09/2023
Sample No. : W 66081195
Sampling Date : 14/08/2023
Sampling Time : 9:40 AM
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE, 2537 (1994) , Class 3
2. **** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

26/10/2023

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Test Report

Request No :W6608344,W6610387

Report No :6610-1897-1,6610-1901

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

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

Sampling Source : ห้วยไทร**

Sample No : W 66081196, W 66101388

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ(W3)**

Sampling Date : 14/08/2023, 16/10/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM0, 10:00 AM**

Sampling Method : Grab**

Received Date : 15/08/2023, 17/10/2023

Tested Date : 16/08/2023 - 04/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #/2	mg/L	5-Day BOD Test, Membrane	< 2.0	≤2
		Electrode Method (SM:5210B)		
Chloride *	mg/L as Cl ₂	Argentometric Method	114	-
		(SM:4500-Cl- B)		
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	682	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method	0.001	≤0.005
		(SM:4500 CN- C, E)		
Dissolved Oxygen *	mg/L	Azide Modification Method	6.7	≥4
		(SM:4500 -O C)		
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	17,000	≤4000
Manganese @	mg/L	Digestion, Inductively Coupled	1.73	≤1
		Plasma Method (SM:3030F, 3120B)		

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 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101388: Sampling Date 16/10/2023 (10:00 AM) : Tested Date 17/10/2023 - 21/10/2023

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. ** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6.Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7.MDL = Method Detection Limit [MDL of Cyanide = 0.001 mg/L]/** = These data are non laboratory data.

SUPPLEMENT TO TISI 17025:2017 NO. 6610-1897



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

26/10/2023

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Test Report

Request No : W6608344, W6610387

Report No : 6610-1897-1, 6610-1901

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66081196, W 66101388

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ(W3)**

Sampling Date : 14/08/2023, 16/10/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM, 10:00 AM**

Sampling Method : Grab**

Received Date : 15/08/2023, 17/10/2023

Tested Date : 16/08/2023 - 04/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	3.74	≤5
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.025	≤0.005
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0.25	-
Sodium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120 B)	55.3	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	130	-
Temperature *	°C	Laboratory and Field Method	32	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	532	-

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 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W66101388: Sampling Date 16/10/2023 (10:00 AM) : Tested Date 17/10/2023 - 21/10/2023

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. *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6. Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management

7. MDL = Method Detection Limit [MDL of Cyanide < 0.008 mg/L] /** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6610-1897



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)
26/10/2023

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Test Report

Request No : W6608344, W6610387
Report No : 6610-1897-1, 6610-1901

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 : 16/08/2023 - 04/09/2023
Sample No : W 66081196, W 66101388
Sampling Date : 14/08/2023, 16/10/2023 **
Sampling Time : 10:40 AM, 10:00 AM **
Received Date : 15/08/2023, 17/10/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #/2	mg/L	Dried at 103-105 degree celsius (SM:2540D)	75	-
Turbidity */2	NTU	Nephelometric Method (SM:2130B)	153	-

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 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2./2 Sample No. W66101388: Sampling Date 16/10/2023 (10:00 AM) : Tested Date 17/10/2023 - 21/10/2023

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. ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

6.Parameter Outside The Scope of The Registration of Department of Industrial Works/Miss Nunnaphat Bakhuntod is Technical Management.

7.MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]/** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6610-1897



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)
26/10/2023

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Test Report

Request No : W6608344

Report No : 6610-1897

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยฤๅไทย

Sample No : W 66081196

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ(W3)

Sampling Date : 14/08/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 04/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.31	≤0.5

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. /l Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Hcalth and Environmental Technology Services Faculty of Public Hcalth Mahidol University

3. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/10/2023

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Request No. W6608344

Report No. 6610-1897

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 : 16/08/2023 – 04/09/2023
Sample No. : W 66081196
Sampling Date : 14/08/2023
Sampling Time : 10:40 AM
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****

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 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2.**** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

26/10/2023

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Test Report

Request No : W6608344

Report No : 6610-1898

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2023 - 04/09/2023
Sample No : W 66081197
Sampling Date : 14/08/2023**
Sampling Time : 10:25 AM**
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.3	≤2
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	85.6	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	4,900	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	517	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500 -O C)	6.4	≥4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	4,900	≤4000
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.59	≤1

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 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. Miss Nunnaphat Bakhuntod is Technical Management.

4. *** = คุณภูมิของน้ำจะต้องสูงกว่าภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

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

7. MDL = Method Detection Limit [MDL of Cu under 0.008 mg/L/** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Nunnaphat Bakhuntod)

26/10/2023

Test Report

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2023 - 04/09/2023

Request No : W6608344
Report No : 6610-1898
Sample No : W 66081197
Sampling Date : 14/08/2023**
Sampling Time : 10:25 AM**
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard/1
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	3.56	≤5
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.033	≤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)	83.8	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	81.3	-
Temperature *	°C	Laboratory and Field Method	32	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	368	-

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 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,
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. *** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *
6. Parameter Outside The Scope of The Registration of Department of Industrial Works
7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]/** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)
26/10/2023

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Test Report

Request No : W6608344

Report No : 6610-1898

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 16/08/2023 - 04/09/2023
Sample No : W 66081197
Sampling Date : 14/08/2023**
Sampling Time : 10:25 AM**
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	98	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	262	-

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 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. Miss Nunnaphat Bakhuntod is Technical Management.

4. ท*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad *

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008mg/L] *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : ...

(Miss Nunnaphat Bakhuntod)

26/10/2023

Test Report

Request No : W6608344

Report No : 6610-1898

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 66081197

Sample Name : บริเวณบ้านวังตาลม่อนได้ฝายกั้นน้ำในนิคมฯ(W4)

Sampling Date : 14/08/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 15/08/2023

Tested Date : 16/08/2023 - 04/09/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.20	≤0.5

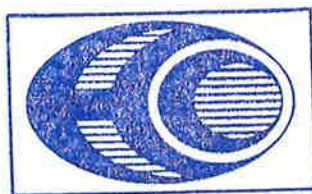
Physical Apperance : 1. Sample : yellow, lightly SS

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/10/2023

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Request No. W6608344

Report No. 6610-1898

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านวังตาลม่อนได้ฝายกั้นน้ำในนิคมฯ (W4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 16/08/2023 – 04/09/2023
Sample No. : W 66081197
Sampling Date : 14/08/2023
Sampling Time : 10:25 AM
Received Date : 15/08/2023
Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****
Endrin Ketone	µg/L	Liquid-Liquid Extraction Gas Chromatography(SM:6410B)	Not Detected	****

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 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3
2.*** ต้องตรวจไม่พบตามวิธีตรวจสอบที่กำหนด
3. Sampling By Mr. Parkpoom Buasawad
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

26/10/2023

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Test Report

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

Request No : W6611352

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

Report No : 6612-0081

Sampling Source : ห้วยภูไท**

Sample No : W 66111264

Sample Name : บริเวณบ้านหนองตองเหนือสายกั้นน้ำในนิคมฯ (W1)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane	7.3	≤2
		Electrode Method (SM:5210B)		
Chloride *	mg/L as Cl ₂	Argentometric Method	23.5	
		(SM:4500-Cl- B)		
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	215	
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method	0.001	≤0.005
		(SM:4500 CN- C, E)		
Dissolved Oxygen *	mg/L	Azide Modification Method	6.9	≥4
		(SM:4500 -O C)		
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	92,000	≤4000
Manganese @	mg/L	Digestion, Inductively Coupled	0.78	≤1
		Plasma Method (SM:3030F, 3120B)		

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

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

3. *** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of parameter (0.005 mg/L) / (** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

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Test Report

Request No : W6611352

Report No : 6612-0081

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านหนองตองเหนือฝายกั้นน้ำในนิคมฯ (W1)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/11/2023 - 24/11/2023
Sample No : W 66111264
Sampling Date : 13/11/2023**
Sampling Time : 9:40 AM**
Received Date : 14/11/2023
Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1,78	≤5
pH (on site) *		Electrometric Method	7.1	5.0-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0,03	≤0.005
Phosphorus*	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0,37	-
Sodium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	13.6	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	26,5	-
Temperature *	°C	Laboratory and Field Method	28	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	176	-

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0,5 L(3 Bottle), PE 1.0 L, PE 1,8 L , G 1.0 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. *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL 0.05 mg/L] *** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

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Test Report

Request No : W6611352

Report No : 6612-0081

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 : 14/11/2023 - 24/11/2023
Sample No : W 66111264
Sampling Date : 13/11/2023**
Sampling Time : 9:40 AM**
Received Date : 14/11/2023
Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ^{/1}
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	109	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	142	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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. *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Copper = 0.08 ug/L] ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

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

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Request No. W6611352

Report No. 6612-0081

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท
Sample Name : บริเวณบ้านหนองตอง เหนือสายกันน้ำในนิคมฯ (W1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 14/11/2023 – 24/11/2023
Sample No. : W 66111264
Sampling Date : 13/11/2023
Sampling Time : 9:40 AM
Received Date : 14/11/2023
Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

06/12/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611352

Customer : Amata City Rayong Co.,Ltd.

Report No : 6612-0081

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

Sampling Source : ห้วยภูไท

Sample No : W 66111264

Sample Name : บริเวณบ้านหนองตอง เนื้อฝายกั้นน้ำในนิคมฯ (W1) Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.20	≤0.5

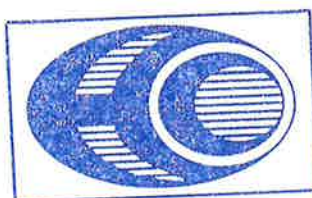
Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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 Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/12/2023

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

COPY

Test Report

Request No : W6611352, W6701287

Report No : 6612-0082-1, 6701-1327

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111265, W 67010943

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ(W2)**

Sampling Date : 13/11/2023, 15/01/2024**

Sampling By : ETC**

Sampling Time : 10:20 AM, 11:00 AM**

Sampling Method : Grab**

Received Date : 14/11/2023, 16/01/2024

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 24/01/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.4	≤2
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	21.0	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	207	-
Cyanide *	mg/L as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	0.001	≤0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500 -O C)	6.7	≥4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	160,000	≤4000
Manganese @/2	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.18	≤1

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1./1 Surface Water Quality Standard, Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W67010943 : Sampling Date 15/01/2024 (11:00 AM): Tested Date 16/01/2024 - 20/01/2024

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. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

6. Miss Nunnaphat Bakhuntod is Technical Management/MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

7. Parameter Outside The Scope of The Registration of Department of Industrial Works/** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6612-0082



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

24/01/2024

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

Request No : W 6611352, W 6701287

Report No : 6612-0082-1,6701-1327

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111265, W 67010943

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ(W2)**

Sampling Date : 13/11/2023, 15/01/2024**

Sampling By : ETC**

Sampling Time : 10:20 AM, 11:00 AM**

Sampling Method : Grab**

Received Date : 14/11/2023, 16/01/2024

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 24/01/2024

Parameter	Unit	Method	Result	Standard ^{1/}
Nitrogen (Nitrate) *	mg/L as NO ₃ -	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	1.71	≤5
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.044	≤0.005
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0.71	-
Sodium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	13.3	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	29.5	-
Temperature *	°C	Laboratory and Field Method	30	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	175	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No, W67010943 : Sampling Date 15/01/2024 (11:00 AM): Tested Date 16/01/2024 - 20/01/2024

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. *** = คุณหมินของน้ำจะต้องไม่สูงกว่าคุณหมินตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

6. Miss Nunnaphat Bakhuntod is Technical Management/MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

7. Parameter Outside The Scope of The Registration of Department of Industrial Works/** = These data are non laboratory data.

SUPPLEMENT 1/2 TEST REPORT NO. 6612-0082

Examined By :

(Miss Nunnaphat Bakhuntod)

24/01/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Test Report

Request No : W6611352, W 6701287

Report No : 6612-0082-1, 6701-1327

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111265, W 67010943

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ(W2)**

Sampling Date : 13/11/2023, 15/01/2024**

Sampling By : ETC**

Sampling Time : 10:20 AM, 11:00 AM**

Sampling Method : Grab**

Received Date : 14/11/2023, 16/01/2024

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 24/01/2024

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	100	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	156	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1./1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 3

2./2 Sample No. W67010943 : Sampling Date 15/01/2024 (11:00 AM): Tested Date 16/01/2024 - 20/01/2024

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. *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

6. Miss Nunnaphat Bakhuntod is Technical Management./MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]

7. Parameter Outside The Scope of The Registration of Department of Industrial Works/** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6612-0082

Examined By : 

(Miss Nunnaphat Bakhuntod)

24/01/2024

บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6611352

Report No. 6612-0082

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample No. : W 66111265

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ (W2)

Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 10:20 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 – 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****

Physical Appearance : 1. Sample : yellow, turbid

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

06/12/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6611352

Report No : 6612-0082

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยไทร

Sample No : W 66111265

Sample Name : บริเวณฝายกั้นน้ำในนิคมฯ(W2)

Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 10:20 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.28	≤0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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 Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

06/12/2023

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

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Test Report

Request No : W6611352

Report No : 6612-0083

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 6611266

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.8	≤2
Chloride *	mg/L as Cl ₂	Argentometric Method (SM:4500-Cl- B)	40.1	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	92,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	335	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.002	≤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)	0.93	≤1

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.005 mg/L] ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

Test Report

Request No : W6611352

Report No : 6612-0083

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111266

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	2.28	≤5
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.022	≤0.005
Phosphorus*	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0.62	-
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)	44.8	-
Temperature *	°C	Laboratory and Field Method	31	๗***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	282	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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. ๗*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L] ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

Test Report

Request No : W6611352

Report No : 6612-0083

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111266

Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	180	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	226	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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. ข*** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L] /** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

Request No. W6611352

Report No. 6612-0083

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : ห้วยภูไท Sample No. : W 66111266
Sample Name : บริเวณใต้ฝายกั้นน้ำในนิคมฯ (W3) Sampling Date : 13/11/2023
Sampling By : ETC Sampling Time : 11:05 AM
Sampling Method : Grab Received Date : 14/11/2023
Tested Date : 14/11/2023 – 24/11/2023 Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



Examined By.....

(Miss Apiradee Chuen-arom)

06/12/2023

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Test Report

Request No : W6611352

Report No : 6612-0083

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 66111266

Sample Name : บริเวณได้ฝายกั้นน้ำในนิคมฯ (W3)

Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 11:05 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.25	≤0.5

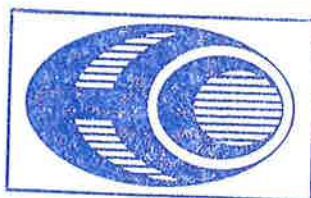
Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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 Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/12/2023

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Test Report

Request No : W6611352

Report No : 6612-0084

Customer : Amata City Rayong Co.,Ltd.**
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230**
Sampling Source : ห้วยภูไท**
Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 14/11/2023 - 24/11/2023
Sample No : W 66111267
Sampling Date : 13/11/2023**
Sampling Time : 11:25 AM**
Received Date : 14/11/2023
Reported Date : 06/12/2023

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)	192	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	24,000	≤20000
Conductivity *	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	339	-
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	0.002	≤0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500 -O C)	7.7	≥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)	0.95	≤1

Physical Apperance : 1. Sample : yellow, turbid

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

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3. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานที่เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]/** = These data are non laboratory data.



Examined By : 

(Miss Nunnaphat Bakhuntod)
06/12/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Test Report

Request No : W6611352

Report No : 6612-0084

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111267

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 11:25 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard/1
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻	N Cadmium Reduction Method (SM:4500 -NO ₃ -B)	2.26	≤5
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.028	≤0.005
Phosphorus*	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	0.25	-
Sodium *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120 B)	28.5	-
Sulfate *	mg/L as SO ₄ ²⁻	Turbidimetric Method (SM:4500 -SO ₄ ²⁻ E)	47.5	-
Temperature *	°C	Laboratory and Field Method	31	***
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	288	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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. *** = คุณหมิงของน้ำจะต้องไม่สูงกว่าคุณหมิงตามธรรมชาติ เกิน 3 องศาเซลเซียส

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L] ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

Test Report

Request No : W6611352

Report No : 6612-0084

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

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

Sampling Source : ห้วยภูไท**

Sample No : W 66111267

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)**

Sampling Date : 13/11/2023**

Sampling By : ETC**

Sampling Time : 11:25 AM**

Sampling Method : Grab**

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	192	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	205	-

Physical Apperance : 1. Sample : yellow, turbid

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

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*

5. Miss Nunnaphat Bakhuntod is Technical Management.

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

7. MDL = Method Detection Limit [MDL of Evanide = 0.008 mg/L / L** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

06/12/2023

Request No. W6611352

Report No. 6612-0084

TEST REPORT

Customer	Amata City Rayong Co.,Ltd.	Sample No.	W 6611267
Address	7 Moo.3 T. Bowin , Sriracha , Chonburi 20230	Sampling Date	13/11/2023
Sampling Source	ห้วยภูไท	Sampling Time	11:25 AM
Sample Name	บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ (W4)	Received Date	14/11/2023
Sampling By	ETC	Reported Date	06/12/2023
Sampling Method	Grab		
Tested Date	14/11/2023 – 24/11/2023		

Parameter	Unit	Method	Result	Standard ¹
Organochlorine Pesticides				
alpha-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
beta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
gamma-BHC (Lindane)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
delta-BHC	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Aldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Heptachlor epoxide (isomer B)	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
trans-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan I	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
cis-Chlordane	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Dieldrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDE	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan II	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDD	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin aldehyde	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endosulfan sulfate	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
4,4'-DDT	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Endrin ketone	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****
Methoxychlor	µg/L	Liquid-Liquid Extraction / GC-MS (SM:6410 B)	Not Detected	****

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), PE 1.0 L, PE 1.8 L , G 1.0 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
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

06/12/2023

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Test Report

Request No : W6611352

Report No : 6612-0084

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : ห้วยภูไท

Sample No : W 66111267

Sample Name : บริเวณบ้านวังตาลม่อนใต้ฝายกั้นน้ำในนิคมฯ(W4)

Sampling Date : 13/11/2023

Sampling By : ETC

Sampling Time : 11:25 AM

Sampling Method : Grab

Received Date : 14/11/2023

Tested Date : 14/11/2023 - 24/11/2023

Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.30	≤0.5

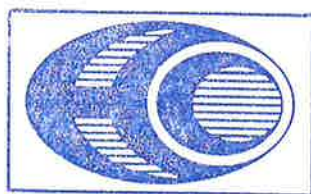
Physical Apperance : 1. Sample : yellow, turbid

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

06/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606305

Report No : 6607-0345-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061247

Sample Name : บริเวณบ้านหนองตอง (SD 1)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/I
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	9.20	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.31	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	<2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	11.5	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	852	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	<0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	7.00	≤23

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwan (7-003-ก-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(7-003-ก-4377)

31/07/2023

SUPPLEMENT TO TEST REPORT NO. 6607-0345



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(7-003-ก-4367)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0345-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061247

Sample Name : บริเวณบ้านหนองตอง (SD 1)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/ ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	41.6	≤ 120

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
31/07/2023

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)
31/07/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606305

Report No : 6607-0345-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061247

Sample Name : บริเวณบ้านหนองทอง (SD 1)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/ ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	15.2	≤31.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	7,052	-
pH		Electrometric Method	7.2	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

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

SUPPLEMENT TO TEST REPORT NO. 6607-0345



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0345-I

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061247

Sample Name : บริเวณบ้านหนองตอง (SD I)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	5.40	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

3. Sampling By Mr. Songpon Phiwuan (1-003-ค-7279)

SUPPLEMENT TO TEST REPORT No. 6607-0345



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/07/2023

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Page 1 of 1

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Test Report

Request No : W6606305

Report No : 6607-0346-1

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 : 13/06/2023 - 14/07/2023

Sample No : W 66061248
Sampling Date : 10/06/2023
Sampling Time : 9:10 AM
Received Date : 12/06/2023
Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/I
Arsenic (As)	mg/kg	Digestion,Inductively Coupled Plasma	19.6	≤10
Cadmium (Cd)	mg/kg	Digestion,Inductively Coupled Plasma	0.51	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion,Inductively Coupled Plasma	13.5	≤36
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	353	-
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion,Inductively Coupled Plasma	10.1	≤23

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ท-4377)
31/07/2023

SUPPLEMENT TO TEST REPORT NO. 6607-0346



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ท-4367)
31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0346-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061248

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	68.6	≤ 120

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
31/07/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)
31/07/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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**Test Report**

Request No : W6606305

Report No : 6607-0346-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061248

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	15.4	≤31.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	9,179	-
pH		Electrometric Method	7.2	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

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

SUPPLEMENT TO TEST REPORT NO. 6607-0346



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0346-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061248

Sample Name : บริเวณฝายกั้นน้ำในพื้นที่โครงการ (SD 2)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	9.30	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
31/07/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606305

Report No : 6607-0347-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061249

Sample Name : เนื้อช้างเก็บน้ำดอกกราย 1 กม. (SD 3)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/1
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	9.45	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.29	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	9.36	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	862	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.70	≤23

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By : (Miss Apiradee Chuen-arom)
(3-003-ก-4377)

31/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(3-003-ก-4367)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0347-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061249

Sample Name : เหนืออ่างเก็บน้ำคอกกรวย 1 กม. (SD 3)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	17.8	≤ 120

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./ ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwuan (1-003-ก-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-4377)

31/07/2023

SUPPLEMENT TO TEST REPORT NO. 6607-0347



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-4367)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0347-1

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo 3, Bowin, Sriracha, Chonburi 20230
Sampling Source : Amata City Rayong Co.,Ltd.
Sample Name : เหนืออ่างเก็บน้ำดอกกราย 1 กม. (SD 3)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 - 14/07/2023

Sample No : W 66061249
Sampling Date : 10/06/2023
Sampling Time : 9:30 AM
Received Date : 12/06/2023
Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	3.64	≤31.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	6,266	-
pH		Electrometric Method	7.1	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

Physical Apperance : 1. Sample : brown, soil
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Sampling By Mr. Songpon Phiwuan (1-003-ก-7279)

SUPPLEMENT TO TEST REPORT NO. 6607-0347



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0347-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061249

Sample Name : เหนืออ่างเก็บน้ำคลองกรวย 1 กม. (SD 3)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	8.30	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,
Faculty of Agriculture, Kasetsart University

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

SUPPLEMENT TO TEST REPORT NO. 6607-0347



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/07/2023

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Test Report

Request No : W6606305

Report No : 6607-0348-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061250

Sample Name : อ่างเก็บน้ำดอกกรวย (SD 4)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤ 1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.08	≤ 36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	10.3	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤ 23

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. / ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
31/07/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)
31/07/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606305

Report No : 6607-0348-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061250

Sample Name : อ่างเก็บน้ำดอกกราย (SD 4)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium (Se)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	-
Zinc (Zn)	mg/kg	Digestion, Inductively Coupled Plasma	2.46	≤ 120


Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

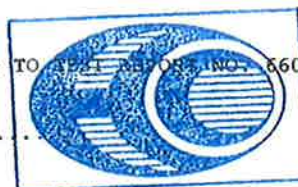
Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

Examined By :


 (Miss Apiradee Chuen-arom)
 (ว-003-ก-4377)
 31/07/2023

SUPPLEMENT TO TEST REPORT NO. 6607-0348



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :


 (Miss Nunnaphat Bakhuntod)
 (ว-003-ก-4367)
 31/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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**Test Report**

Request No : W6606305

Report No : 6607-0348-I

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061250

Sample Name : อ่างเก็บน้ำดอกกราย (SD 4)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard/I
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	< 31.5
Iron (Fe)	mg/kg	Digestion, Inductively Coupled Plasma	932	-
pH		Electrometric Method	5.4	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

3. Sampling By Mr. Songpon Phiwuan (2-003-ก-7279)

SUPPLEMENT TO TEST REPORT NO. 6607-0348



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

31/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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**Test Report**

Request No : W6606305

Report No : 6607-0348-1

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : Amata City Rayong Co.,Ltd.

Sample No : W 66061250

Sample Name : อ่างเก็บน้ำลอกทราย (SD 4)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 13/06/2023 - 14/07/2023

Reported Date : 31/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	1.50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. # Tested by Soil-Fertilizer-Environment Scientific Development Project Department of Soil Science,

Faculty of Agriculture, Kasetsart University

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

SUPPLEMENT TO TEST REPORT NO. 6607-0348



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

31/07/2023

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 : บริเวณพื้นที่สีเขียวที่มีการนำน้ำกรดสองไปรดต้นไม้

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 14/06/2023 - 22/06/2023

Request No : W6606306

Report No : 6607-0340

Sample No : W 66061251

Sampling Date : 10/06/2023

Sampling Time : 9:00 AM

Received Date : 12/06/2023

Reported Date : 07/07/2023

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	6.74	≤800
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	127	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion,Inductively Coupled Plasma	4.07	≤5205

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

07/07/2023

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

Test Report

Customer : Anata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061251

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

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	24.5	-

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)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0340

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตของไปรดต้นไม้ Sample No : W 66061251

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard/I
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.95	<35040
pH		Electrometric Method	7.5	
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
07/07/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6606306

Report No : 6607-0340

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 66061251

Sample Name : พื้นที่สีเขียวบริเวณ Holding Pond (S1) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:00 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 14/07/2023 Reported Date : 14/07/2023

Parameter	Unit	Method	Result	Standard/1
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	5.80	-

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 (2-003-0-7280)



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

14/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0341

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกร็ดสองไปรดต้นไม้ Sample No : W 66061252

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion,Inductively Coupled Plasma	7.66	<25
Cadmium (Cd)	mg/kg	Digestion,Inductively Coupled Plasma	0.31	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric Method	<2.00	<212
Lead (Pb)	mg/kg	Digestion,Inductively Coupled Plasma	9.93	≤800
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	154	≤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. Containcr : 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 (1-003-ก-7280)

3. ##พื้นที่สีเขียวหน้าโรงงานThai Asahi Glass Public Co.,Ltd. (S2)

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-4377)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0341

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061252

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

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	58.4	-

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-ก-7280)

3. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)

Examined By :

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

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0341

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061252

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard/1
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	3.37	≤35040
pH		Electrometric Method	6.7	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

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

3. Sampling By Mr. Parkpoom Buasawad (3-003-ค-7280)

4. ##พื้นที่สีเขียวหน้าโรงงาน Thai Asahi Glass Public Co.,Ltd. (S2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606306

Report No : 6607-0341

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061252

Sample Name : พื้นที่สีเขียวหน้าโรงงาน##

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 14/07/2023

Reported Date : 14/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	7.70	*

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 (0-003-ค-7280)

4. ##พื้นที่สีเขียวหน้าโรงงานThai Asahi Glass Public Co.,Ltd. (S2)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

14/07/2023

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

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Test Report

Request No : W6606306

Report No : 6607-0342

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำกรดสองไปรดต้นไม้ Sample No : W 66061253

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:15 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	6.99	≤25
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.23	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	<2.00	≤212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	7.02	≤800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	128	≤19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	<0.20	≤263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.14	≤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 (จ-003-ก-7280)

Examined By : (Miss Apiradce Chuen-arom)
(จ-003-ก-4377)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(จ-003-ก-4367)

07/07/2023

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

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Test Report

Request No : W6606306

Report No : 6607-0342

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061253

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:15 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

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	27.8	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

2. Sampling By Mr. Parkpoom Buasawad (1-003-ท-7280)

Examined By : 

(Miss Apiradee Chuen-arom)

(1-003-ท-4377)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(1-003-ท-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607- 0342

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061253

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:15 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.54	≤35040
pH		Electrometric Method	6.5	-
SAR	mg/kg	Acid Digestion , ICP-OES	< 50.0	-

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

3. Sampling By Mr. Parkpoom Buasawad (7-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606306

Report No : 6607 - 0342

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061253

Sample Name : พื้นที่สีเขียวหน้าโรงงาน San Miguel (S3) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:15 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 14/07/2023 Reported Date : 14/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	5.60	-

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 (3-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

14/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0343

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061254

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:20 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

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	0.19	≤762
Hexavalent Chromium	mg/kg	Alkaline Digestion,Colorimetric Method	< 2.00	≤212
Lead (Pb)	mg/kg	Digestion,Inductively Coupled Plasma	11.8	≤800
Manganese (Mn)	mg/kg	Digestion,Inductively Coupled Plasma	144	≤19640
Mercury (Hg)	mg/kg	Digestion,Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤263
Nickel (Ni)	mg/kg	Digestion,Inductively Coupled Plasma	1.28	≤5205

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. /1 Notification of the National Environment Board B.E.2564 (2021),

Soil Quality Standard that use for Commercial, for Agriculture and Other.

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0343

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำกรดสองโปรคตันไม้ Sample No : W 66061254

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:20 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

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	15.2	

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)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

07/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6606306

Report No : 6607-0343

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061254

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:20 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	3.36	<35040
pH		Electrometric Method	7.8	-
SAR	mg/kg	Acid Digestion, ICP-OES	< 50.0	-

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ท-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607 - 0343

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้

Sample No : W 66061254

Sample Name : พื้นที่สีเขียวบริเวณกลางพื้นที่โครงการ (S4)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 14/07/2023

Reported Date : 14/07/2023

Parameter	Unit	Method	Result	Standard ¹
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	5.90	.

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 (1-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

14/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0344

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรดสองไปรดต้นไม้ Sample No : W 66061255

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:55 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023 Reported Date : 07/07/2023

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	0.24	≤ 762
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	≤ 212
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	12.6	≤ 800
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	350	≤ 19640
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 263
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.05	≤ 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-ก-7280)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
07/07/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)
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Test Report

Request No : W6606306

Report No : 6607-0344

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำกรดสองไปรดต้นไม้

Sample No : W 66061255

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

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	16.2	-

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)

07/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607- 0344

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้

Sample No : W 66061255

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5)

Sampling Date : 10/06/2023

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 12/06/2023

Tested Date : 14/06/2023 - 22/06/2023

Reported Date : 07/07/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.67	<35040
pH		Electrometric Method	8.4	-
SAR	mg/kg	Acid Digestion , ICP-OES	< 50.0	-

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

07/07/2023

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Test Report

Request No : W6606306

Report No : 6607-0344

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : บริเวณพื้นที่สีเขียวที่มีการนำน้ำเกรตสองไปรดต้นไม้ Sample No : W 66061255

Sample Name : พื้นที่สีเขียวด้านทิศใต้โครงการ (S5) Sampling Date : 10/06/2023

Sampling By : ETC Sampling Time : 9:55 AM

Sampling Method : Grab Received Date : 12/06/2023

Tested Date : 14/06/2023 - 14/07/2023 Reported Date : 14/07/2023

Parameter	Unit	Method	Result	Standard ^{1/}
CEC #	cmol _c kg ⁻¹	Ammonium Saturation and Distillation Method	3.80	.

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)

14/07/2023

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บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

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 Website : <http://www.etc1992.com> E-mail : info@etc1992.com

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 : 13/06/2023 - 17/06/2023

Request No : W6606331
 Report No : 6606-1566
 Sample No : W 66061320
 Sampling Date : 12/06/2023
 Sampling Time : 11:10 AM
 Received Date : 13/06/2023
 Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0027	≤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)	0.36	≤0.5


Physical Appearance : 1. Sample : yellow, turbid
 2. Container : Normal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the National Environment Board No. 20, B.E. 2543 (2000)
 2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
 3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)

Examined By : 
 (Miss Apiradee Chuen-arom)
 (ว-003-ค-4377)
 21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

Approved By : 
 (Miss Nunnaphat Bakhuntod)
 (ว-003-ค-4367)
 21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1566

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061320

Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.001
pH (on site)		Electrometric Method	5.8	-
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.01
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 5

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)

Examined By : 

(Miss Piradee Chuen-arom)

(ว-003-ก-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-4367)

21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1566

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061320

Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	565	-
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	< 1
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.16	-
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.01	< 0.02
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.48	-
Temperature	°C	Laboratory and Field Method	32	-

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20, B.E. 2543 (2000)

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. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L]

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/06/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6606331

Report No. 6606-1566

TEST REPORT

Customer : Amata City Rayong Co., Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 - 17/06/2023
Sample No. : W 66061320
Sampling Date : 12/06/2023
Sampling Time : 11:10 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard "
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 5
- Bromodichloromethane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Bromoform	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 5
- Chlorobenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 5
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 7
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 70
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 100
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Ethylbenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	≤ 700
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Naphthalene	mg/L	Purge-and-Trap / GC - MS	Not Detected	-
- Nitrobenzene	mg/L	Purge-and-Trap / GC - MS	Not Detected	-

Physical Appearance :
1. Sample : yellow , turbid
2. Container : Nonnal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (๖-003-๖-7280)


Examined By


(Miss Apiradee Chuen-arom)
(๖-003-๓-4377)
21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By


(Miss Nunnaphat Bakhuntod)
(๖-003-๓-4367)
21/06/2023

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Request No. W6606331

Report No. 6606-1566

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : ก่อนไหลผ่าน Holding Pond 1 (Up Gradient)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061320
Sampling Date : 12/06/2023
Sampling Time : 11:10 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- 1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 200
- 1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Chloroform	mg/L	Purge-and-Trap / GC – MS	0.183	*
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	*
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5

Physical Appearance :
1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (ว-003-จ-7280)

Examined By



(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1567

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061321

Sample Name : หลังกไหลผ่าน Holding Pond 1 (Down Gradient 1)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0100	≤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)	0.63	≤0.5

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Sampling By Mr. Parkpoom Buasawad (2-003-ท-7280)

Examined By : 

(Miss Apiradee Chuen-arom)

(2-003-ท-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(2-003-ท-4367)

21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1567

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061321

Sample Name : หลังกโหลผ่าน Holding Pond 1 (Down Gradient 1)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	<0.0010	≤0.001
pH (on site)		Electrometric Method	6.6	-
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.01
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	≤5

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

21/06/2023

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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

683 หมู่ 11 ต.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : <http://www.etc1992.com> อี-เมล : info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhaphibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Test Report

Request No : W6606331

Report No : 6606-1567

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061321

Sample Name : หลังกว๊าน Holding Pond 1 (Down Gradient 1)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	1,852	
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	< 1
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31	
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.01	< 0.02
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	9.62	
Temperature	°C	Laboratory and Field Method	32	

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L]

5. Sampling By Mr. Parkpoom Buasawad (3-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/06/2023

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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

683 หมู่ 11 ถนนสุขุมวิท 8 ถนนงาช้าง อ.ศรีราชา จ.ชลบุรี 20230
โทร: 0-3848-1197, 0-3876-3031-2 แฟกซ์: 0-3848-2095
เว็บไซต์: <http://www.etc1992.com> อีเมล: info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel: 0-3848-1197, 0-3876-3031-2 Fax: 0-3848-2095
Website: <http://www.etc1992.com> E-mail: info@etc1992.com

Request No. W6606331

Report No. 6606-1567


TEST REPORT

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 : 13/06/2023 – 17/06/2023
Sample No. : W 66061321
Sampling Date : 12/06/2023
Sampling Time : 10:25 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Bromodichloromethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Bromoform	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Chlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 7
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 70
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Ethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 700
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Naphthalene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Nitrobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-


Physical Appearance :
1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark :
1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20, B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)
3. ## หลังไหลผ่าน Holding Pond 1 (Down Gradient 1)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Nunnaphat Bakhuntod)
(ว-003-ก-4367)
21/06/2023

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Request No. W6606331

Report No. 6606-1567


TEST REPORT

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 : 13/06/2023 – 17/06/2023
Sample No. : W 66061321
Sampling Date : 12/06/2023
Sampling Time : 10:25 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- 1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 200
- 1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Chloroform	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	-
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5


Physical Appearance :
1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark :
1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (1-003-9-7280)
3. ## หลังไหลผ่าน Holding Pond 1 (Down Gradient 1)

Examined By : 
(Miss Apiradee Chuen-arom)
(1-003-4-4377)
21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)
(1-003-4-4367)
21/06/2023

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Test Report

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample Name : หลังก่อกำแพง Holding Pond 1 (Down Gradient 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 13/06/2023 - 17/06/2023

Sample No : W 66061322

Sampling Date : 12/06/2023

Sampling Time : 10:50 AM

Received Date : 13/06/2023

Reported Date : 21/06/2023

Request No : W6606331

Report No : 6606-1568

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)	0.14	≤ 0.5

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

3. Sampling By Mr. Parkpoom Buasawad (๖-003-๓-๖280)

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-๓-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(๖-003-๓-4367)

21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1568

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061322

Sample Name : หลังไหลผ่าน Holding Pond 1 (Down Gradient 2)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Mercury	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.001
pH (on site)		Electrometric Method	6.7	-
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.01
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	≤ 5

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1./1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

21/06/2023

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Test Report

Request No : W6606331

Report No : 6606-1568

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061322

Sample Name : หลังไหลผ่าน Holding Pond 1 (Down Gradient 2)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	1,951	-
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	-
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.01	≤ 0.02
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	8.69	-
Temperature	°C	Laboratory and Field Method	34	-

Physical Appearance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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. MDL = Method Detection Limit [MDL of Nickel = 0.02 mg/L]

5. Sampling By Mr. Parkpoom Buasawad (๖-003-๓-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/06/2023

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Request No. W6606331

Report No. 6606-1568


TEST REPORT

Customer : Amata City Rayong Co., Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังกโหลผ่าน Holding Pond I ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061322
Sampling Date : 12/06/2023
Sampling Time : 10:50 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Bromodichloromethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Bromoform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Chlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 7
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 70
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- Ethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 700
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 700
- Naphthalene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- Nitrobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100


Physical Apperance :
1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L(3 Bottle), G 1,0 L]

Remark :
1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (๖-003-๖-7280)
3. ## หลังกโหลผ่าน Holding Pond I (Down Gradient 2)

Examined By 
(Miss Apiradee Chuen-arom)
(๖-003-๓-4377)
21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Nunnaphat Bakhuntod)
(๖-003-๓-4367)
21/06/2023

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บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

683 หมู่ 11 ต.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : <http://www.etc1992.com> อี-เมล : info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Request No. W6606331

Report No. 6606-1568

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังก่อฝ่าน Holding Pond 1 ##
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061322
Sampling Date : 12/06/2023
Sampling Time : 10:50 AM
Received Date : 13/06/2023
Reported Date : 21/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 100
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- 1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- 1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 200
- 1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1,000
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Chloroform	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	•
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5

Physical Apperance :
1. Sample : yellow , turbid
2. Container : Normal [PE 0.5 L(3 Bottle), G 1.0 L]

Remark :
1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. Sampling By Mr. Parkpoom Buasawad (๓-003-๓-7280)
3. ## หลังก่อฝ่าน Holding Pond 1 (Down Gradient 2)

Examined By 
(Miss Apiradee Chuen-arom)
(๓-003-๓-4377)
21/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Nunnaphal Bakhuntod)
(๓-003-๓-4367)
21/06/2023

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683 หมู่ 11 ต.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
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Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : Info@etc1992.com

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 : 13/06/2023 - 17/06/2023

Request No : W6606335
Report No : 6606-2362
Sample No : W 66061329
Sampling Date : 12/06/2023
Sampling Time : 12:40 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0026	≤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)	0.79	≤33

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

4. Sampling By Mr. Parkpoom Biasawad (ว-003-ก-7280)

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphal Bakhuntod)

(ว-003-ก-4367)

29/06/2023

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Test Report

Request No : W6606335

Report No : 6606-2362

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061329

Sample Name : ก้อนไหลผ่าน Holding Pond 2 (Up Gradient)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 12:40 PM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 29/06/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5
pH (on site)		Electrometric Method	6.9	6.5 - 9.2***
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 12
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤ 10

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อเหนือน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

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

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

29/06/2023

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

29/06/2023

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Test Report

Request No : W6606335

Report No : 6606-2362

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061329

Sample Name : ก่อนไหลผ่าน Holding Pond 2 (Up Gradient)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 12:40 PM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	2,879	-
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.80	-
Temperature	°C	Laboratory and Field Method	32	-

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry, B.E.2559 (2016)

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :


(Miss Apiradee Chuen-arom)
29/06/2023REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6606335

Report No. 6606-2362

TEST REPORT

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 : 13/06/2023 – 17/06/2023
 Sample No. : W 66061329
 Sampling Date : 12/06/2023
 Sampling Time : 12:40 PM
 Received Date : 13/06/2023
 Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Bromodichloromethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Bromoform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.4
- Chlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.6
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.5
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.1
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.7
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 72
- Ethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Naphthalene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Nitrobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1.2

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. Sampling By Mr. Parkpoom Buasawad (1-003-8-7280)

Examined By : 

(Miss Apiradee Chuen-arom)

(1-003-8-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(1-003-8-4367)

29/06/2023

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Request No. W6606335

Report No. 6606-2362

TEST REPORT

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 : 13/06/2023 – 17/06/2023
Sample No. : W 66061329
Sampling Date : 12/06/2023
Sampling Time : 12:40 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.9
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
-1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
-1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
-1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.4
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 12
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 119
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.03
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 230
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 240
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.0
- Chloroform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 8.0
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 11
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0

Physical Appearance :
1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L (3 Bottle) G 0.2 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. Sampling By Mr. Parkpoom Buasawad (๓-003-๖-7280)

Examined By 
(Miss Apiradee Chuen-arom)

(๓-003-๓-4377)
29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Numphat Bakhuntod)

(๓-003-๓-4367)
29/06/2023

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Test Report

Request No : W6606335

Report No : 6606-2363

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061330

Sample Name : หลังไหลผ่าน Holding Pond 2 (Down Gradient 1)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 12:25 PM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029	≤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)	0.57	≤33

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E 2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำที่เก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุ โดมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-4367)

29/06/2023

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Test Report

Request No : W6606335

Report No : 6606-2363

Customer : Amata City Rayong Co., Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061330

Sample Name : หลังไหลผ่าน Holding Pond 2 (Down Gradient 1)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 12:25 PM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 29/06/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤ 5
pH (on site)		Electrometric Method	6.9	6.5 - 9.2***
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 12
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 10

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

29/06/2023

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Test Report

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample Name : หลังก๊อผ่าน Holding Pond 2 (Down Gradient 1)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 13/06/2023 - 17/06/2023

Request No : W6606335

Report No : 6606-2363

Sample No : W 66061330

Sampling Date : 12/06/2023

Sampling Time : 12:25 PM

Received Date : 13/06/2023

Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	1,560	
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.80	
Temperature	°C	Laboratory and Field Method	30	

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

4. Sampling By Mr. Parkpoom Buasawad (3-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
29/06/2023

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โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : <http://www.etc1992.com> อีเมล : info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Request No. W6606335

Report No. 6606-2363


TEST REPORT

Customer : Amata City Rayong Co., Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังกว๊าน Holding Pond 2 (Down Gradient 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061330
Sampling Date : 12/06/2023
Sampling Time : 12:25 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard "
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Bromodichloromethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Bromoform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.4
- Chlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.6
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.5
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.1
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.7
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 72
- Ethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Naphthalene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Nitrobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1.2

Physical Appearance :
1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. Sampling By Mr. Parkpoom Buasawad (จ-003-จ-7280)


Examined By : 
(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Numapath Bakhuntod)

(จ-003-ค-4367)

29/06/2023

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Request No. W6606335

Report No. 6606-2363

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังก๊อผ่าน Holding Pond 2 (Down Gradient 1)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023

Sample No. : W 66061330
Sampling Date : 12/06/2023
Sampling Time : 12:25 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.9
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
- 1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- 1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.4
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 12
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 119
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.03
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 230
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 240
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.0
- Chloroform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 8.0
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 11
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0


Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. Sampling By Mr. Parkpoom Buasawad (3-003-9-7280)

Examined By 
(Miss Apiradee Chuen-arom)
(3-003-ค-4377)
29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Nunnaphat Bakhuntod)
(3-003-ค-4367)
29/06/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

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 (Down Gradient 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 13/06/2023 - 17/06/2023

Request No : W6606335

Report No : 6606-2364

Sample No : W 66061331

Sampling Date : 12/06/2023

Sampling Time : 12:10 PM

Received Date : 13/06/2023

Reported Date : 29/06/2023

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)	4.82	≤ 33

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry , B.E.2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อพักน้ำกับจุดเก็บตัวอย่างบ่อเหนือที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

29/06/2023

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Test Report

Customer : Anata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample Name : หลังกไหลผ่าน Holding Pond 2 (Down Gradient 2)

Sampling By : ETC

Sampling Method : Grab

Tested Date : 13/06/2023 - 17/06/2023

Request No : W6606335

Report No : 6606-2364

Sample No : W 66061331

Sampling Date : 12/06/2023

Sampling Time : 12:10 PM

Received Date : 13/06/2023

Reported Date : 29/06/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5
pH (on site)		Electrometric Method	6.8	6.5 - 9.2***
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 12
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤ 10

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

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

Examined By : 

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

29/06/2023

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Test Report

Request No : W6606335

Report No : 6606-2364

Customer : Amata City Rayong Co.,Ltd.

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

Sampling Source : น้ำใต้ดิน

Sample No : W 66061331

Sample Name : หลังกไหลผ่าน Holding Pond 2 (Down Gradient 2)

Sampling Date : 12/06/2023

Sampling By : ETC

Sampling Time : 12:10 PM

Sampling Method : Grab

Received Date : 13/06/2023

Tested Date : 13/06/2023 - 17/06/2023

Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Conductivity	10 ⁻⁶ S/cm	Laboratory Method (SM:2510B)	985	
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	
Sodium Adsorption Ratio (SAR)	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	3.44	
Temperature	°C	Laboratory and Field Method	31	

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1./1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

29/06/2023

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Request No. W6606335

Report No. 6606-2364

TEST REPORT

Customer : Amata City Rayong Co.,Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังกวาล์ว Holding Pond 2 (Down Gradient 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061331
Sampling Date : 12/06/2023
Sampling Time : 12:10 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Bromodichloromethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Bromoform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0
- Carbon tetrachloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.4
- Chlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Chlorodibromomethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.6
- 1,2-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,3-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 21
- 1,4-Dichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- 1,1-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,2-Dichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.5
- 1,1-dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.1
- cis-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- trans-1,2-Dichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
- 1,2-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.7
- 1,3-Dichloropropane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 72
- Ethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 2.0
- Methyl-tert-butyl ether (MTBE)	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Naphthalene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 48
- Nitrobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 1.2

Physical Appearance : 1. Sample : yellowish, lightly SS


2. Container : Normal [PE 0.5 L (3 Bottle) & 0.2 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. Sampling By Mr. Parkpoom Buasawad (ว-003-ท-7280)

Examined By : 
(Miss Apiradee Chuen-arom)
(ว-003-ท-4377)
29/06/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(ว-003-ท-4367)
29/06/2023

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683 หมู่ 11 ต.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : <http://www.etc1992.com> อีเมล : info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Request No. W6606335

Report No. 6606-2364

TEST REPORT

Customer : Amata City Rayong Co., Ltd.
Address : 7 Moo.3 T. Bowin , Sriracha , Chonburi 20230
Sampling Source : น้ำใต้ดิน
Sample Name : หลังไหลผ่าน Holding Pond 2 (Down Gradient 2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 13/06/2023 – 17/06/2023
Sample No. : W 66061331
Sampling Date : 12/06/2023
Sampling Time : 12:10 PM
Received Date : 13/06/2023
Reported Date : 29/06/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Styrene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,1,2,2-Tetrachloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- Tetrachloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.9
- Toluene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 5.0
- 1,2,4-Trichlorobenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- 1,1,1-trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.2
- 1,1,2-Trichloroethane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.8
- Trichloroethylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.4
- 1,3,5-Trimethylbenzene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 12
- Vinyl acetate	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 119
- Vinyl chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 0.03
- p,m-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- o-Xylene	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Xylene total	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 24
- Acetone	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 230
- Butanol	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 240
- Carbon disulfide	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 4.0
- Chloroform	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 8.0
- n-Hexane	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 11
- Methylene chloride	mg/L	Purge-and-Trap / GC – MS	Not Detected	≤ 6.0


Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(3 Bottle) G 0.2 L]

Remark : 1. /l Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)
2. Sampling By Mr. Parkpoom Buasawad (3-003-9-7280)

Examined By : 
(Miss Apiradee Chuen-arom)
(3-003-ค-4377)
29/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Miss Nunnaphat Bakhuntod)
(3-003-ค-4367)
29/06/2023

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