

คุณภาพน้ำทิ้ง



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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax: 0-3848-2095 E-mail: marketing@etc1992.com



Test Report

Request No : W6701484

Report No : 6701-1819

Customer : NPC Safety and Environmental Service Co.,Ltd.**
Address : 20/9 Pakomsongkrohrad Rd., T. Maptaphut, Rayong 21150**
Sampling Source : บริษัท พีทีที อายาซี เคมิคอล จำกัด**
Sample Name : Waste Water Pit : SD 920 (Effluent)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 25/01/2024 - 30/01/2024

Sample No : W 67011508
Sampling Date : 24/01/2024**
Sampling Time : 9:35 AM**
Received Date : 25/01/2024
Reported Date : 31/01/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.3	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Oil and Grease #	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5 - 9
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2- F)	< 0.50	≤1
Temperature *	°C	Laboratory and Field Method	33	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,818	≤3000

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut), Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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 (1-003-0-0016)*
5. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)
(1-003-0-0007)
31/01/2024



Approved By :

(Miss Nunnaphat Bakhuntod)
(1-003-0-0005)
31/01/2024

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

Test Report

Request No : W6701484

Report No : 6701-1819

Customer : NPC Safety and Environmental Service Co.,Ltd.**
Address : 20/9 Pakomsongkrohrad Rd., T. Maptaphut, Rayong 21150**
Sampling Source : บริษัท พีทีที อายาซี เคมิคอล จำกัด**
Sample Name : Waste Water Pit : SD 920 (Effluent)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 25/01/2024 - 30/01/2024

Sample No : W 67011508
Sampling Date : 24/01/2024**
Sampling Time : 9:35 AM**
Received Date : 25/01/2024
Reported Date : 31/01/2024

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	18	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤200

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut), Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
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 (1-003-0-0016)*
5. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)
(1-003-0-0007)
31/01/2024



Approved By :

(Miss Nunnaphat Bakhuntod)
(1-003-0-0005)
31/01/2024

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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Test Report

Request No : W6702313

Report No : 6702-1372

Customer : NPC Safety and Environmental Service Co.,Ltd.**

Address : 20/9 Pakornsongkrohrrad Rd., T. Maptaphut , Rayong 21150**

Sampling Source : บริษัท พีทีที อีเอส เอ็มเคเอส จำกัด**

Sample No : W 67020916

Sample Name : SD 920 (Effluent)**

Sampling Date : 09/02/2024**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 10/02/2024

Tested Date : 10/02/2024 - 21/02/2024

Reported Date : 23/02/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 500
Chemical Oxygen Demand [#]	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	50	≤ 750
Cyanide [*]	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤ 0.2
Oil and Grease [@]	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) [*]		Electrometric Method	6.6	5.5 - 9
Sulfide [*]	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature [*]	°C	Laboratory and Field Method (SM:2550 B)	33	≤ 45
Total Dissolved Solids [#]	mg/L	Dried at 180 degree celsius (SM:2540C)	1,800	≤ 3000

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

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

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 Pormpian Viriyakusolkul (7-003-0-0036)*

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

Examined By :
(Miss Apiradee Chuen-arom)
(7-003-0-0007)
23/02/2024



Approved By :
(Miss Nunnaphat Bakhuntod)
(7-003-0-0005)
23/02/2024

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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Test Report

Request No : W6702313

Report No : 6702-1372

Customer : NPC Safety and Environmental Service Co.,Ltd.**

Address : 20/9 Pakornsongkrohrrad Rd., T. Maptaphut , Rayong 21150**

Sampling Source : บริษัท พีทีที อีเอส เอ็มเคเอส จำกัด**

Sample No : W 67020916

Sample Name : SD 920 (Effluent)**

Sampling Date : 09/02/2024**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 10/02/2024

Tested Date : 10/02/2024 - 21/02/2024

Reported Date : 23/02/2024

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen [*]	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	6	≤ 100
Total Suspended Solids [#]	mg/L	Dried at 103-105 degree celsius (SM:2540D)	9	≤ 200

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

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

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 Pormpian Viriyakusolkul (7-003-0-0036)*

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

Examined By :
(Miss Apiradee Chuen-arom)
(7-003-0-0007)
23/02/2024



Approved By :
(Miss Nunnaphat Bakhuntod)
(7-003-0-0005)
23/02/2024

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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Test Report

Request No : W6703024

Report No : 6703-0542

Customer : NPC Safety and Environmental Service Co.,Ltd.**
Address : 20/9 Pakomsongkrohrad Rd., T. Maptaphut, Rayong 21150**
Sampling Source : บริษัท พีทีที อายาซี เคมิคอล จำกัด**
Sample Name : Waste water Pit; SD 920 (Effluent)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 02/03/2024 - 07/03/2024

Sample No : W 67030062
Sampling Date : 01/03/2024**
Sampling Time : 9:20 AM**
Received Date : 02/03/2024
Reported Date : 13/03/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤ 750
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤ 0.2
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	6.9	5.5 - 9
Sulfide *	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤ 1
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	35	≤ 45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,860	≤ 3000

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 (1-003-N-0031)*
5. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)
(1-003-N-0007)
13/03/2024



Approved By :

(Miss Nunnaphat Bakhuntod)
(1-003-N-0005)
13/03/2024

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

Test Report

Request No : W6703024

Report No : 6703-0542

Customer : NPC Safety and Environmental Service Co.,Ltd.**
Address : 20/9 Pakomsongkrohrad Rd., T. Maptaphut, Rayong 21150**
Sampling Source : บริษัท พีทีที อายาซี เคมิคอล จำกัด**
Sample Name : Waste water Pit; SD 920 (Effluent)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 02/03/2024 - 07/03/2024

Sample No : W 67030062
Sampling Date : 01/03/2024**
Sampling Time : 9:20 AM**
Received Date : 02/03/2024
Reported Date : 13/03/2024

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	67	≤ 100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤ 200

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

Remark : 1./1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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 (1-003-N-0031)*
5. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)
(1-003-N-0007)
13/03/2024



Approved By

(Miss Nunnaphat Bakhuntod)
(1-003-N-0005)
13/03/2024

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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapiarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax: 0-3848-2095 E-mail: marketing@etc1992.com



Test Report

Request No : W6704205

Report No : 6704-1201

Customer : NPC Safety and Environmental Service Co.,Ltd.**

Address : 20/9 Pakornsongkrohrad Rd., T. Maptaphut, Rayong 21150**

Sampling Source : บริษัท พีทีที อารีเอส เอ็มเคเอส จำกัด**

Sample No : W 67040671

Sample Name : Waste Water Pit ; SD 920 (Effluent)**

Sampling Date : 05/04/2024**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 06/04/2024

Tested Date : 06/04/2024 - 11/04/2024

Reported Date : 23/04/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.9	≤500
Chemical Oxygen Demand [#]	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	84	≤750
Cyanide [*]	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Oil and Grease [®]	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) [*]		Electrometric Method	6.8	5.5 - 9
Sulfide [*]	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature [*]	°C	Laboratory and Field Method (SM:2550 B)	35	≤45
Total Dissolved Solids [#]	mg/L	Dried at 180 degree celsius (SM:2540C)	2,256	≤3000

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

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

Remark : 1. / Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

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 (J-003-R-0017)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(J-003-R-0007)
23/04/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(J-003-R-0005)
23/04/2024

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



EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapiarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax: 0-3848-2095 E-mail: marketing@etc1992.com



Test Report

Request No : W6704205

Report No : 6704-1201

Customer : NPC Safety and Environmental Service Co.,Ltd.**

Address : 20/9 Pakornsongkrohrad Rd., T. Maptaphut, Rayong 21150**

Sampling Source : บริษัท พีทีที อารีเอส เอ็มเคเอส จำกัด**

Sample No : W 67040671

Sample Name : Waste Water Pit ; SD 920 (Effluent)**

Sampling Date : 05/04/2024**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 06/04/2024

Tested Date : 06/04/2024 - 11/04/2024

Reported Date : 23/04/2024

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen [*]	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	94	≤100
Total Suspended Solids [#]	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤200

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

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

Remark : 1. / Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

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 (J-003-R-0017)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(J-003-R-0007)
23/04/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(J-003-R-0005)
23/04/2024

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



Test Report

Request No : W6706004

Report No : 6706-0513

Customer : NPC Safety and Environmental Service Co.,Ltd.

Address : 20/9 Pakornsongkrohrad Rd., T. Maptaphut , Rayong 21150

Sampling Source : บริษัท ทีทีที อายาซี เคมิคอล จำกัด

Sample No : W 67060014

Sample Name : Waste Water Pit ; SD 920 (Effluent)

Sampling Date : 31/05/2024

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 01/06/2024

Tested Date : 01/06/2024 - 08/06/2024

Reported Date : 11/06/2024

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Oil and Grease	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site)		Electrometric Method	6.7	5.5 - 9
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature	°C	Laboratory and Field Method (SM:2550 B)	38	≤45
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	1,924	≤3000

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

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24h Edition, 2023.

3. Sampling By Mr. Parkpoom Buasawad (7-003-P-0017)

Examined By :

(Miss Apiradee Chuen-arom)
(7-003-P-0007)
11/06/2024

Approved By :

(Miss Nunnaphat Bakhuntod)
(7-003-P-0005)
11/06/2024REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6706004

Report No : 6706-0513

Customer : NPC Safety and Environmental Service Co.,Ltd.

Address : 20/9 Pakornsongkrohrad Rd., T. Maptaphut , Rayong 21150

Sampling Source : บริษัท ทีทีที อายาซี เคมิคอล จำกัด

Sample No : W 67060014

Sample Name : Waste Water Pit ; SD 920 (Effluent)

Sampling Date : 31/05/2024

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 01/06/2024

Tested Date : 01/06/2024 - 08/06/2024

Reported Date : 11/06/2024

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	55	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	6	≤200

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

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24h Edition, 2023.

3. Sampling By Mr. Parkpoom Buasawad (7-003-P-0017)

Examined By :

(Miss Apiradee Chuen-arom)
(7-003-P-0007)
11/06/2024

Approved By :

(Miss Nunnaphat Bakhuntod)
(7-003-P-0005)
11/06/2024REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY



Test Report

Request No : W6706553

Report No : 6707-0205

Customer : NPC Safety and Environmental Service Co.,Ltd.

Address : 20/9 Pakornsongkroh Rd., T. Maptaphut, Rayong 21150

Sampling Source : บริษัท พีทีที อาซาฮี เคมีคอล จำกัด

Sample No : W 67061681

Sample Name : Waste Water Pit ; SD 920 (Effluent)

Sampling Date : 21/06/2024

Sampling By : ETC

Sampling Time : 1:20 PM

Sampling Method : Grab

Received Date : 22/06/2024

Tested Date : 22/06/2024 - 27/06/2024

Reported Date : 04/07/2024

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.2	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site)		Electrometric Method	6.7	5.5 - 9
Sulfide	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500 -S2- F)	< 0.50	≤1
Temperature	°C	Laboratory and Field Method (SM:2550 B)	32	≤45

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

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

Remark : 1./ Eastern Industrial Estate (Map ta Phut), Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

3. Sampling By Miss Pornpinan Viriyakusolkul (7-003-P-0036)

Examined By

(Miss Apiradee Chuen-arom)
(7-003-P-0007)

04/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)
(7-003-P-0005)

04/07/2024

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

Page 1 of 2



Test Report

Request No : W6706553

Report No : 6707-0205

Customer : NPC Safety and Environmental Service Co.,Ltd.

Address : 20/9 Pakornsongkroh Rd., T. Maptaphut, Rayong 21150

Sampling Source : บริษัท พีทีที อาซาฮี เคมีคอล จำกัด

Sample No : W 67061681

Sample Name : Waste Water Pit ; SD 920 (Effluent)

Sampling Date : 21/06/2024

Sampling By : ETC

Sampling Time : 1:20 PM

Sampling Method : Grab

Received Date : 22/06/2024

Tested Date : 22/06/2024 - 27/06/2024

Reported Date : 04/07/2024

Parameter	Unit	Method	Result	Standard ^{1/}
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	616	≤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	≤200

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

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

Remark : 1./ Eastern Industrial Estate (Map ta Phut), Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

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

3. Sampling By Miss Pornpinan Viriyakusolkul (7-003-P-0036)

Examined By

(Miss Apiradee Chuen-arom)
(7-003-P-0007)

04/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)
(7-003-P-0005)

04/07/2024

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

Page 2 of 2