TEST REPORT NO.:	PX/2016/90013A	Date:	10 03, 2016	Page 1 of 14

Factory Name: 5190

Factory Address:

Name of sampling engineer: Mr. Chuang

Sample Description:	Wastewater after treatment (with ETP)
Colour:	Light Brown
Sampling Method:	Grab Sample
Sample Received Quantity:	13L in total
Testing Institute:	SGS
Country of Origin:	Taiwan
Country of Destination:	Taiwan
Sample Receiving Date:	2016/09/07
Test Performing Period:	2016/09/07~2016/09/14

Remarks:

1.This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.

2.The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.

3.The report number "PX/2016/90013A" replaces the "PX/2016/90013".

Signed for and on hehalf of
SGS Taiwan Ltd.

Carry Kuo
Manager

SGS TAIWAN LTD SGS TAIWAN

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	Wastewater after treatment (with ETP)
Phthalates					
Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	3
Benzyl Butyl Phthalate (BBP)	85-68-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Butyl Phthalate (DBP)	84-74-2	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Diethyl Phthalate (DEP)	84-66-2	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Dimethyl Phthalate (DMP)	131-11-3	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-N-Octyl Phthalate (DNOP)	117-84-0	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Iso-Butyl Phthalate (DIBP)	84-69-5	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-N-Hexyl Phthalate (DNHP)	84-75-3	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-N-Propyl Phthalate (DPRP)	131-16-8	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Iso-Octyl Phthalate (DIOP)	27554-26-3	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-cyclohexyl Phthalate (DCHP)	84-61-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-nonyl phthalate (DNP)	84-76-4	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
1,2-Benzenedicaboxylic acid, Di-C7-11 Branched and Linear Alkyl Esters (DHNUP)	68515-42-4	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Di-Iso-Hexyl Phthalate (DIHP)	71888-89-6	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	1	µg/L	n.d.
Brominated and Chlorinated Flame retardants					
Polybrominated biphenyls (PBBs)	multiple	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.05	µg/L	n.d.
Polybrominated diphenyl ethers (PBDEs)	multiple	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.05	µg/L	n.d.
Tris(1-aziridinyl)phosphine oxide) (TEPA)	545-55-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Tetrabromobisphenol A (TBBPA)	79-94-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	With reference to USEPA 8270 or Solvent extraction followed by GC/MS or LC/MS analysis	0.5	µg/L	n.d.
Azo dyes					
1,4-Phenylenediamine	106-50-3	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
2,4,5-Trimethylaniline	137-17-7	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2,4-Diaminoanisole	615-05-4	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2,4-Toluylenediamine	95-80-7	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2,4-Xylidine	95-68-1	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2,6-Xylidine	87-62-7	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2-Chloroaniline	95-51-2	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2-Naphthylamine	91-59-8	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
3,3'-Dichlorobenzidine	91-94-1	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
3,3'-Dimethoxybenzidine	119-90-4	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
3,3'-Dimethyl-4,4' diaminodiphenylmethane	838-88-0	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
3,3'-Dimethylbenzidine	119-93-7	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
4,4'-Oxydianiline	101-80-4	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
4,4'-Thiodianiline	139-65-1	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	Wastewater after treatment (with ETP)
4-Aminodiphenyl	92-67-1	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
p-Chloroaniline	106-47-8	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
4-Chloro-o-Toluidine	95-69-2	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
5-Nitro-o-anisidine	99-59-2	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
2-Amino-4-Nitrotoluene	99-55-8	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
p-Aminoazobenzene	60-09-3	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
Aniline	62-53-3	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
Benzidine	92-87-5	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
m-Toluidine	108-44-1	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
n,n-Diethylanaline	91-66-7	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
n-Ethylaniline	103-69-5	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
n-Methylaniline	100-61-8	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
o-Aminoazotoluene	97-56-3	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
o-Anisidine	90-04-0	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
o-Toluidine	95-53-4	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
p-Cresidine	120-71-8	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
p-Toluidine	106-49-0	With reference to USEPA 8270 or EN 14362-1&3 and followed by GC/MS and HPLC Analysis.	0.1	µg/L	n.d.
Organotin compounds					
Monobutyltin (MBT)	1118-46-3, 78763-54-9	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Dibutyltin (DBT)	1002-53-5	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Tributyltin (TBT)	56573-85-4	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Tetrabutyltin (TeBT)	1461-25-2	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Monooctyltin (MOT)	15231-57-9	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Dioctyltin (DOT)	94410-05-6, 12531-44-4	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Triphenyltin (TPhT)	892-20-6, 668-34-8	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Tricyclohexyltin (TCyT)	multiple	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Trioctyltin (TOT)	multiple	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Tripropyltin (TPT)	761-44-4	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Trimethyltin (TMT)	multiple	With reference to DIN EN17353 and followed by GC/MS analysis.	0.01	µg/L	n.d.
Chlorobenzenes					
Chlorobenzene	108-90-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
Dichlorobenzenes	multiple	-			
1,2-Dichlorobenzene	95-50-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
1,3-Dichlorobenzene	541-73-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
1,4-Dichlorobenzene	106-46-7	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
Trichlorobenzene	multiple	-			
1,2,3-Trichlorobenzene	87-61-6	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
1,2,4-Trichlorobenzene	120-82-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
1,3,5-Trichlorobenzene	108-70-3	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
Tetrachlorobenzene	12408-10-5	-			
1,2,3,4-Tetrachlorobenzene	634-66-2	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.1	µg/L	n.d.
1,2,3,5-Tetrachlorobenzene	634-90-2	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.1	µg/L	n.d.
1,2,4,5-Tetrachlorobenzene	95-94-3	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.1	µg/L	n.d.
Pentachlorobenzene	608-93-5	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.1	µg/L	n.d.
Hexachlorobenzene	118-74-1	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.1	µg/L	n.d.
4-chlorotoluene	106-43-4	With reference to USEPA 8270 or Solvent extraction followed by GC/MS analysis	0.02	µg/L	n.d.
Chlorinated solvents					
Bromodichloromethane	75-27-4	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	1.5

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
Bromoform	75-25-2	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Carbon tetrachloride	56-23-5	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Chlorodibromomethane	124-48-1	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Chloroethane	75-00-3	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Chloroform	67-66-3	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	6.1
Dibromomethane	74-95-3	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
1,1-Dichloroethane	75-34-3	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
1,2-Dichloroethane	107-06-2	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
1,1-Dichloroethene	75-35-4	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
cis-1,2-Dichloroethene	156-59-2	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
trans-1,2-Dichloroethene	156-60-5	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
trans-1,3-Dichloropropene	10061-02-6	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Hexachlorobutadiene	87-68-3	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.
Methylene chloride	75-09-2	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	5	μg/L	n.d.
1,1,2,2-Tetrachloroethane	79-34-5	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	μg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
Tetrachloroethene	127-18-4	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
1,1,1-Trichloroethane	71-55-6	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
Trichloroethene	79-01-6	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
Vinyl chloride	75-01-4	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
Hexachloroethane	67-72-1	With reference to USEPA 8270 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
1,1,1,2-Tetrachloroethane	630-20-6	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
1,1,2-Trichloroethane	79-00-5	With reference to USEPA 8260 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
Pentachloroethane	76-01-7	With reference to USEPA 8270 or Head-space or Solvent extraction with GC/MS analysis	0.5	µg/L	n.d.
Chloro- Phenols					
Pentachlorophenols (PCP)	87-86-5	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	2.5	µg/L	n.d.
Tetrachlorophenols (TeCP)	25167-83-3	-			
2,3,4,5-Tetrachlorophenol	4901-51-3	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	2.5	µg/L	n.d.
2,3,4,6-Tetrachlorophenol	58-90-2	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	2.5	µg/L	n.d.
2,3,5,6-tetrachlorophenol	935-95-5	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	2.5	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
Trichlorophenol (TriCP)	25167-82-2	-			
2,3,4-trichlorophenol	15950-66-0	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,3,5-trichlorophenol	933-78-8	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,4,5-trichlorophenol	95-95-4	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,4,6-trichlorophenol	88-06-2	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	1.4
3,4,5-trichlorophenol	609-19-8	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
Dichlorophenols (DiCP)	25167-81-1	-			
2,3-dichlorophenol	576-24-9	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,4-dichlorophenol	120-83-2	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,5-dichlorophenol	583-78-8	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
2,6-dichlorophenol	87-65-0	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
3,4-dichlorophenol	95-77-2	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
3,5-dichlorophenol	591-35-5	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
Mono Chlorophenol	various	-			
2-chlorophenol	95-57-8	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
3-chlorophenol	108-43-0	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
4-chlorophenol	106-48-9	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	0.5	µg/L	n.d.
4-Chloro-3-methylphenol	59-50-7	With reference to USEPA 8270 or BS EN 12673 or Solvent extraction and derivatisation with acetic anhydride followed by GC/MS analysis.	2.5	µg/L	n.d.
Short Chain Chlorinated Paraffins (SCCP) with C10 –C13				-	
Short Chain Chlorinated Paraffins (SCCP), C_{10}-C_{13}	85535-84-8	Solvent extraction followed by GC/MS, GC/ECD or GC/NCI analysis	0.4	µg/L	n.d.
Heavy Metals					
Total Lead (Pb)	7439-92-1	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	n.d.
Total Cadmium (Cd)	7440-43-9	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	0.1	µg/L	n.d.
Total Mercury (Hg)	7439-97-6	With reference to USEPA 7473 or Acid Digestion with ICP or ICP/MS analysis	0.05	µg/L	n.d.
Total Antimony (Sb)	7440-36-0	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	206

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
Total Arsenic (As)	7440-38-2	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	5	µg/L	18
Total Chromium (Cr)	7440-47-3	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	14
Total Hexavalent Chromium (Cr-VI)	18540-29-9	With reference to APHA 3500Cr A&B or Solvent extraction and derivatisation followed by UV analysis	4	µg/L	n.d.
Total Nickel (Ni)	7440-02-0	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	3
Total Copper (Cu)	7440-50-8	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	4
Total Zinc (Zn)	7440-66-6	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	20
Total Manganese (Mn)	7439-96-5	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	9
Total Cobalt (Co)	7440-48-4	With reference to USEPA 200.8, SM 3125 or Acid Digestion with ICP or ICP/MS analysis	1	µg/L	7
Cyanide (CN^-)	Multiple	APHA 4500 CN—B,C & E	0.01	mg/L	0.03
Alkylphenols (APEOs)					
Octylphenol	multiple, 140-66-9, 27193-28-8, 1806-26-4	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	1	µg/L	n.d.
Nonylphenol	multiple, 25154-52-3, 104-40-5, 90481-04-2, 84852-15-3, 1173019-62-9	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	1	µg/L	n.d.
NPEO, n=1~2	multiple	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	1	µg/L	n.d.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

ORGANIC & INORGANIC ANALYSIS

Report No.: PX/2016/90013A

Factory:

Sampling Address:

Sample ID	PX9001301
Sampling Location	-
Sampling Time	15:30
Date Sampled	2016/09/06
Date Received	2016/09/07
Sample Description	-

ITEMS	CAS No.	METHOD	Reporting Limit	UNIT	**Wastewater after treatment (with ETP)**
NPEO, n=3~15	multiple, 9016-45-9, 26027-38-3 68412-54-4, 127087-87-0, 37205-87-1	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	5	µg/L	n.d.
OPEO, n=1~2	multiple	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	1	µg/L	n.d.
OPEO, n=3~15	multiple, 9002-93-1, 9036-19-5, 68987-90-6	With reference to DIN EN ISO 18857 and followed by GC/MS or LC/MS analysis	5	µg/L	292
PFCs (Perfluorocarbon / Polyfluorinated Compounds)					
PFOA	335-67-1	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.
PFOS	1763-23-1	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.
PFHXA	307-24-4	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.
PFHXS	355-46-4	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.
PFBA	375-22-4	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.
PFBS	375-73-5, 59933-66-3	With reference to USEPA 537 or CEN/TS 15968 and followed by GC/MS or LC/MS analysis	0.01	µg/L	n.d.

Remarks

n.d. = Not Detected

"Cyanide (CN^-) " is analyzed by Environment, Health and Safety, Kaohsiung, SGS Taiwan Ltd.

****

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group

Sample Photos

Wastewater after treatment (with ETP)

*** End of Report***

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | 136-1, Wu Kung Road, Wu Ku District, New Taipei City, Taiwan /新北市五股區五工路136-1號
t (886-2) 2299-3939 f (886-2) 2299-3230 www.sgs.tw
Member of SGS Group