

APPENDIX E

CETEC Laboratories, Inc.
(Wastewater)

**CETEC LABORATORIES, INC.**

OEPA Certification # 841 USEPA ID # OH 1282
5000 Euclid Ave. Suite 311 Cleveland, OH 44103
Phone: 216.361.0517 Fax: 216.361.0009
Email: cetec@umt.att.com

11/4/2008

Vary Petrochem, LLC
11103 Memphis Ave.
Brooklyn, OH 44144
Attn: Robert Yeggy

Report Date: June 18th 2008
Location : Vary Petrochem, LLC Bay 1 wastewater

Dear Mr. Yeggy,

Based on the TTO Analysis the samples tested were below the detection limit.

D. Trowbridge/Cetec Laboratories



Report Date: 06/20/2008

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Project InformationCompany Name: Vary Petrochem, LLCAddress: 11103 Memphis Ave
Brooklyn, OH 44144Contact: Rose OrtoskyTesting Requested: Low Level HgTotal Toxic OrganicsP.O. Number: VerbalReport Date: 06/20/2008

Column #	Sample Description/Location	Sample Date	Rec'd Date	Sample #
#1	Bay 1 -- Wastewater	6/2/2008	6/2/2008	8-2613

Total Toxic Organics (TTO's)

Parameter	#1							Detection Limit (PQL)
Volatiles								
Acrolein	ND							100 ug/L
Acrylonitrile	ND							100 ug/L
Benzene	ND							10 ug/L
Bromodichloromethane	ND							10 ug/L
Bromoform	ND							10 ug/L
Bromomethane	ND							10 ug/L
Carbon Tetrachloride	ND							10 ug/L
Chlorobenzene	ND							10 ug/L
Chloroethane	ND							10 ug/L
2-Chloroethyl vinyl ether	ND							10 ug/L
Chloroform	ND							10 ug/L
Chloromethane	ND							10 ug/L
Dibromochloromethane	ND							10 ug/L
1,1-Dichloroethane	ND							10 ug/L
1,2-Dichloroethane	ND							10 ug/L
1,1-Dichloroethene	ND							10 ug/L
trans-1,2-Dichloroethene	ND							10 ug/L
1,2-Dichloropropane	ND							10 ug/L
1,3-Dichloropropane	ND							10 ug/L
Ethylbenzene	ND							10 ug/L
Methylene Chloride	ND							10 ug/L
1,1,2,2-Tetrachloroethane	ND							10 ug/L
Tetrachloroethene	ND							10 ug/L
Toluene	ND							10 ug/L
1,1,1-Trichloroethane	ND							10 ug/L
1,1,2-Trichloroethane	ND							10 ug/L
Trichloroethylene	ND							10 ug/L
Vinyl Chloride	ND							10 ug/L
Semivolatile (acids)								
4-chloro-3-methylphenol	ND							10 ug/L
2-chlorophenol	ND							10 ug/L
2,4-dichlorophenol	ND							10 ug/L
2,4-dimethylphenol	ND							10 ug/L
2,4-dinitrophenol	ND							10 ug/L
2-methyl-4,6-dinitrophenol	ND							10 ug/L
2-nitrophenol	ND							10 ug/L

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Total Toxic Organics

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Total Toxic Organics (TTO's)

Parameter	#1						Detection Limit (PQL)
SemiVolatile (acid)							
4-nitrophenol	ND						10 ug/L
Pentachlorophenol	ND						10 ug/L
Phenol	ND						10 ug/L
2,4,6-Trichlorophenol	ND						10 ug/L
SemiVolatile (base neutral)							
Acenaphthene	ND						10 ug/L
Acenaphthylene	ND						10 ug/L
Anthracene	ND						10 ug/L
Benidine	ND						10 ug/L
Benzo[a]anthracene	ND						10 ug/L
Benzo[a]pyrene	ND						10 ug/L
Benzo[b]fluoranthene	ND						10 ug/L
Benzo[ghi]perylene	ND						10 ug/L
Benzo[k]fluoranthene	ND						10 ug/L
Bis(2-chloroethoxy)methane	ND						10 ug/L
Bis(2-chloroethyl)ether	ND						10 ug/L
Bis(2-chloroisopropyl)ether	ND						10 ug/L
Bis(2-ethylhexyl)phthalate	ND						10 ug/L
4-bromophenyl phenyl ether	ND						10 ug/L
Butylbenzyl phthalate	ND						10 ug/L
2-chloronaphthalene	ND						10 ug/L
4-chlorophenyl phenyl ether	ND						10 ug/L
Chrysene	ND						10 ug/L
Dibenz[a,h]anthracene	ND						10 ug/L
1,2-dichlorobenzene	ND						10 ug/L
1,3-dichlorobenzene	ND						10 ug/L
1,4-dichlorobenzene	ND						10 ug/L
3,3-Dichlorobenzidine	ND						10 ug/L
2,4-dinitrotoluene	ND						10 ug/L
2,6-dinitrotoluene	ND						10 ug/L
Diethyl phthalate	ND						10 ug/L
Dimethyl phthalate	ND						10 ug/L
Di-n-butyl phthalate	ND						10 ug/L
Di-n-octyl phthalate	ND						10 ug/L
1,2-Diphenylhydrazine	ND						10 ug/L
Fluoranthene	ND						10 ug/L
Fluorene	ND						10 ug/L
Hexachlorobenzene	ND						10 ug/L
Hexachlorobutadiene	ND						10 ug/L
Hexachlorocyclopentadiene	ND						10 ug/L
Hexachloroethane	ND						10 ug/L

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Parameter	#1							Detection Limit (PQL)
SemiVolatile (base neutral)								
Indeno[1,2,3-cd]pyrene	ND							10 ug/L
Isophorone	ND							10 ug/L
Naphthalene	ND							10 ug/L
Nitrobenzene	ND							10 ug/L
N-nitrosodimethylamine	ND							10 ug/L
N-nitrosodi-n-propylamine	ND							10 ug/L
N-nitrosodiphenylamine	ND							10 ug/L
Phenanthrene	ND							10 ug/L
Pyrene	ND							10 ug/L
1,2,4-Trichlorobenzene	ND							10 ug/L
Pesticides								
Aldrin	ND							10 ug/L
Alpha-BHC	ND							10 ug/L
Beta-BHC	ND							10 ug/L
Delta-BHC	ND							10 ug/L
Gamma-BHC	ND							10 ug/L
Chlordane	ND							10 ug/L
4,4-DDT	ND							10 ug/L
4,4-DDE	ND							10 ug/L
4,4-DDD	ND							10 ug/L
Dieldrin	ND							10 ug/L
Alpha endosulfan	ND							10 ug/L
Beta endosulfan	ND							10 ug/L
Endosulfan sulfate	ND							10 ug/L
Endrin	ND							10 ug/L
Endrin Aldehyde	ND							10 ug/L
Heptachlor	ND							10 ug/L
Heptachlor epoxide	ND							10 ug/L
Toxaphene	ND							10 ug/L
Polychlorinated biphenyls (PCB's)								
Aroclor-1016	ND							10 ug/L
Aroclor-1221	ND							10 ug/L
Aroclor-1232	ND							10 ug/L
Aroclor-1242	ND							10 ug/L
Aroclor-1248	ND							10 ug/L
Aroclor-1254	ND							10 ug/L
Aroclor-1260	ND							10 ug/L
Dioxin								
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	ND							10 ug/L

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Sample #1

Acceptable

QA/QC Data

% Recovery

Recovery

Surrogates Volatiles

Dibromofluoromethane	117	82-132
1,2-Dichloroethane-d4	103	86-117
Toluene-d8	106	42-170
4-Bromofluorobenzene	107	62-129

Analyst: PMDate Analyzed: 6/14/2008**Surrogates Volatiles**

2-Fluorophenol	70	35-118
Phenol-d6	81	26-114
2-chlorophenol-d4	80	19-122
2,4,6-Tribromophenol	99	64-148
1,2-dichlorobenzene-d4	87	21-116
Nitrobenzene-d5	79	29-122
2-Fluorobiphenyl	88	37-124
p-Terphenyl-d14	29	29-129

Analyst: PMDate Prepared: 6/14/2008Analyst: PMDate Prepared: 6/16/2008**Surrogates PCB/Pesticides**

Decachlorobiphenyl	104	54-151
Tetrachloro-m-xylene	97	27-112

Analyst: PMDate Prepared: 6/12/2008Analyst: PMDate Analyzed: 6/12/2008

ND = Not Detected
Analytical Method = EPA 624, 625, 608

Analysis Certified By: John Ondo

Laboratory Manager