

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:	NYSDEC	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Name:	Water Quality	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Date:	Standards and Guidance Values	4/20/1987	5/27/1987	8/4/1987	8/20/1987	10/23/1987	2/18/1988	9/8/1992	12/12/1994	4/20/1987	5/27/1987	8/3/1987	8/20/1987	
Parameter	Unit													
Volatiles														
1,1,1,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1,1-Trichloroethane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1,2,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1,2-Trichloroethane	µg / L	1	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1-Dichloroethane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1-Dichloropropene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,3-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,3-Trichloropropane	µg / L	0.04	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,4-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg / L	0.04	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	µg / L	0.0006	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dichloroethane	µg / L	0.6	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dichloroethene (total)	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg / L	1	-	-	-	-	-	-	-	2 U	-	-	-	-
1,3,5-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
1,3-Dichloropropane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
2,2-Dichloropropane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
2,4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
2-Butanone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg / L	1	1200 ^a	-	530 ^a	31 ^a	-	-	-	2 U	-	-	-	-
Benzene, butyl	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Benzene, isopropyl	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Benzene, tert-butyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Bromodichloromethane	µg / L	50	-	-	-	-	-	-	-	2 U	-	-	-	-

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<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>12/12/1994</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/3/1987</i>	<i>8/20/1987</i>
		<i>Guidance Values</i>												
<i>Parameter</i>	<i>Unit</i>													
Bromoform	µg/L	50	-	-	-	-	-	-	-	2 U	-	-	-	-
Bromomethane	µg/L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
Carbon disulfide	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Chlorobromomethane	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-	5 U	-	-	-	-
Chloromethane	µg/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
cis-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-
Cymene	µg/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Dibromochloromethane	µg/L	50	-	-	-	-	-	-	-	2 U	-	-	-	-
Dibromomethane	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	10 U	-	-	-	-
Ethylbenzene	µg/L	5	160000 ^a	-	-	27 ^a	-	-	-	2 U	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	2 U	-	-	-	-
m&p-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
Methylene chloride	µg/L	5	-	-	85 ^a	81 ^a	-	-	-	10 U	-	-	-	-
Naphthalene	µg/L	10	-	-	-	-	-	-	-	2 U	-	-	-	-
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Tetrachlorobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Toluene	µg/L	5	350 ^a	-	1	-	-	-	-	2 U	3	-	-	-
Total VOCs	µg/L	-	-	-	-	-	ND	-	-	-	-	ND	-	-
Total VOCs/SVOCS	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND	ND
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
trans-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Trichlorofluoromethane	µg/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
Vinyl acetate	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-	10 U	-	-	-	-
Xylene (total)	µg/L	5 (b)	1130 ^a	-	340 ^a	190 ^a	-	-	-	2 U	4	-	-	-

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Sample Location:	NYSDEC	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Name:	Water Quality	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Date:	Standards and Guidance Values	4/20/1987	5/27/1987	8/4/1987	8/20/1987	10/23/1987	2/18/1988	9/8/1992	12/12/1994	4/20/1987	5/27/1987	8/3/1987	8/20/1987	
Parameter	Unit													
Semi-Volatiles														
1,2,4,5-Tetrachlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2-Diphenylhydrazine	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-
1-Chloronaphthalene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
2,2'-oxybis(1-Chloropropane)	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
2,3,4,6-Tetrachlorophenol	µg / L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
2,4,5-Trichlorophenol	µg / L	1	-	-	-	-	-	-	-	10 U	-	-	-	-
2,4,6-Trichlorophenol	µg / L	1	-	-	-	-	-	-	-	10 U	-	-	-	-
2,4-Dichlorophenol	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
2,4-Dimethylphenol	µg / L	1	-	-	-	-	-	-	-	5 U	-	-	-	-
2,4-Dinitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
2,6-Dichlorophenol	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
2,6-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
2-Chloronaphthalene	µg / L	10	-	-	-	-	-	-	-	2 U	-	-	-	-
2-Chlorophenol	µg / L	1	-	-	-	-	-	-	-	5 U	-	-	-	-
2-Methyl naphthalene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
2-Methylphenol	µg / L	1	-	-	-	-	-	-	-	5 U	-	-	-	-
2-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
2-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
2-Nitrophenol	µg / L	1	-	-	-	-	-	-	-	10 U	-	-	-	-
2-Picoline	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
3&4-Methylphenol	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
3,3'-Dichlorobenzidine	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
3-Methylcholanthrene	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
3-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
4,6-Dinitro-2-methylphenol	µg / L	1	-	-	-	-	-	-	-	50 U	-	-	-	-
4-Aminobiphenyl	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Bromophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Chloro-3-methylphenol	µg / L	1	-	-	-	-	-	-	-	10 U	-	-	-	-
4-Chloroaniline	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-
4-Chlorophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Dimethylaminoazobenzene	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
4-Methyl-2,6-dinitrophenol	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-

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Sample Location:	NYSDEC	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Name:	Water Quality	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Date:	Standards and Guidance Values	4/20/1987	5/27/1987	8/4/1987	8/20/1987	10/23/1987	2/18/1988	9/8/1992	12/12/1994	4/20/1987	5/27/1987	8/3/1987	8/20/1987	
Parameter	Unit													
4-Methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	
4-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	
4-Nitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	
7,12-Dimethylbenz(a)anthracene	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	
Acenaphthene	µg / L	20	-	-	-	-	-	-	-	2 U	-	-	-	
Acenaphthylene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Acetophenone	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Aldrin	µg / L	ND	-	-	-	-	-	-	-	10 U	-	-	-	
Anthracene	µg / L	50	-	-	-	-	-	-	-	2 U	-	-	-	
Benzidine	µg / L	5	-	-	-	-	-	-	-	10 U	-	-	-	
Benzo(a)anthracene	µg / L	0.002	-	-	-	-	-	-	-	2 U	-	-	-	
Benzo(a)pyrene	µg / L	ND	-	-	-	-	-	-	-	2 U	-	-	-	
Benzo(b)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	2 U	-	-	-	
Benzo(g,h,i)perylene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	
Benzoic acid	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	
Benzyl Alcohol	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	
beta&gamma-BHC (sum of isomers)	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	
bis(2-Chloroethoxy)methane	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	
bis(2-Chloroethyl)ether	µg / L	1	-	-	-	-	-	-	-	2 U	-	-	-	
bis(2-Ethylhexyl)phthalate	µg / L	5	-	-	-	-	-	-	-	10 U	-	-	-	
Butyl benzylphthalate	µg / L	50	-	-	-	-	-	-	-	10 U	-	-	-	
Carbazole	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	
Chlordane	µg / L	0.005	-	-	-	-	-	-	-	30 U	-	-	-	
Chrysene	µg / L	0.002	-	-	-	-	-	-	-	2 U	-	-	-	
Dibenz(a,h)anthracene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Dibenz[a,j]acridine	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Dibenzofuran	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	
Diethyl phthalate	µg / L	50	-	-	-	-	-	-	-	10 U	-	-	-	
Dimethyl phthalate	µg / L	50	-	-	-	-	-	-	-	10 U	-	-	-	
Di-n-butylphthalate	µg / L	50	-	-	-	-	-	-	3 U	10 U	-	-	-	
Di-n-octyl phthalate	µg / L	50	-	-	-	-	-	-	-	10 U	-	-	-	
Ethyl methanesulfonate	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	
Fluoranthene	µg / L	50	-	-	-	-	-	-	-	2 U	-	-	-	
Fluorene	µg / L	50	-	-	-	-	-	-	-	2 U	-	-	-	
Hexachlorobenzene	µg / L	0.04	-	-	-	-	-	-	-	5 U	-	-	-	
Hexachlorobutadiene	µg / L	0.5	-	-	-	-	-	-	-	5 U	-	-	-	

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Sample Name:	Water Quality	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-1	GT-2	GT-2	GT-2	GT-2
Sample Date:	Standards and Guidance Values	4/20/1987	5/27/1987	8/4/1987	8/20/1987	10/23/1987	2/18/1988	9/8/1992	12/12/1994	4/20/1987	5/27/1987	8/3/1987	8/20/1987	
Parameter	Unit													
Hexachlorocyclopentadiene	µg /L	5	-	-	-	-	-	-	20 U	-	-	-	-	
Hexachloroethane	µg /L	5	-	-	-	-	-	-	5 U	-	-	-	-	
Indeno(1,2,3-cd)pyrene	µg /L	0.002	-	-	-	-	-	-	2 U	-	-	-	-	
Isophorone	µg /L	50	-	-	-	-	-	2 J	2 U	-	-	-	-	
Methyl methanesulfonate	µg /L	-	-	-	-	-	-	-	10 U	-	-	-	-	
Naphthalene	µg /L	10	-	-	-	-	-	-	2 U	-	-	-	-	
Nitrobenzene	µg /L	0.4	-	-	-	-	-	-	5 U	-	-	-	-	
Nitrosodiphenylamine / Diphenylamine	µg /L	50	-	-	-	-	-	-	5 U	-	-	-	-	
N-Nitrosodimethylamine	µg /L	50	-	-	-	-	-	-	10 U	-	-	-	-	
N-Nitrosodi-N-butylamine	µg /L	-	-	-	-	-	-	-	5 U	-	-	-	-	
N-Nitrosodi-n-propylamine	µg /L	-	-	-	-	-	-	-	10 U	-	-	-	-	
N-Nitrosodiphenylamine	µg /L	50	-	-	-	-	-	-	-	-	-	-	-	
N-Nitrosopiperidine	µg /L	-	-	-	-	-	-	-	10 U	-	-	-	-	
Pentachlorophenol	µg /L	1	-	-	-	-	-	-	50 U	-	-	-	-	
Phenacetin	µg /L	-	-	-	-	-	-	-	5 U	-	-	-	-	
Phenanthrene	µg /L	50	-	-	-	-	-	-	2 U	-	-	-	-	
Phenol	µg /L	1	-	12 ^a	2 ^a	-	-	27 ^a	5 U	-	-	-	-	
Phthalic acid	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Pronamide	µg /L	-	-	-	-	-	-	-	5 U	-	-	-	-	
Pyrene	µg /L	50	-	-	-	-	-	-	2 U	-	-	-	-	
Pyridine	µg /L	50	-	-	-	-	-	-	10 U	-	-	-	-	
Toxaphene	µg /L	0.06	-	-	-	-	-	-	20 U	-	-	-	-	
Metals														
Aluminum	µg /L	-	-	-	-	-	-	3480	-	-	-	-	-	
Aluminum (Dissolved)	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	µg /L	3	-	-	-	-	-	-	-	-	-	-	-	
Antimony (Dissolved)	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	µg /L	25	-	-	-	-	-	2.5 J	-	-	-	-	-	
Arsenic (Dissolved)	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	µg /L	1000	-	-	-	-	-	109 B	-	-	-	-	-	
Barium (Dissolved)	µg /L	-	-	-	-	-	-	69.9 B	-	-	-	-	-	
Beryllium	µg /L	3	-	-	-	-	-	-	-	-	-	-	-	
Beryllium (Dissolved)	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	µg /L	5	-	-	-	-	-	-	-	-	-	-	-	
Cadmium (Dissolved)	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	µg /L	-	-	-	-	-	-	173000	-	-	-	-	-	
Calcium (Dissolved)	µg /L	-	-	-	-	-	-	136000	-	-	-	-	-	

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>12/12/1994</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/3/1987</i>	<i>8/20/1987</i>
		<i>Guidance Values</i>												
<i>Parameter</i>	<i>Unit</i>													
Chromium	µg/L	50	-	-	-	-	-	-	8.8 B	-	-	-	-	-
Chromium (Dissolved)	µg/L	-	-	-	-	-	-	-	5.2 B	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	14 B	-	-	-	-	-
Copper (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	8970 J ^a	-	-	-	-	-
Iron (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25	-	-	-	-	-	-	7.9	-	-	-	-	-
Lead (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000	-	-	-	-	-	-	17800	-	-	-	-	-
Magnesium (Dissolved)	µg/L	-	-	-	-	-	-	-	13500	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	405 ^a	-	-	-	-	-
Manganese (Dissolved)	µg/L	-	-	-	-	-	-	-	3.7 B	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	1460 B	-	-	-	-	-
Potassium (Dissolved)	µg/L	-	-	-	-	-	-	-	801 B	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	120000 ^a	-	-	-	-	-
Sodium (Dissolved)	µg/L	-	-	-	-	-	-	-	125000	-	-	-	-	-
Thallium	µg/L	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	7.3 B	-	-	-	-	-
Vanadium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000	-	-	-	-	-	-	46.8 J	-	-	-	-	-
Zinc (Dissolved)	µg/L	-	-	-	-	-	-	-	18.8 J	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-

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HISTORICAL GROUNDWATER QUALITY DATA
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SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-1</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>12/12/1994</i>	<i>4/20/1987</i>	<i>5/27/1987</i>	<i>8/3/1987</i>	<i>8/20/1987</i>
		<i>Guidance Values</i>												
<i>Parameter</i>	<i>Unit</i>													
Aroclor-1248 (PCB-1248)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pesticides</i>														
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-	20 U	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-	20 U	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-	20 U	-	-	-	-
Aldrin	µg/L	ND	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-	10 U	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-	10 U	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-	10 U	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
Endrin	µg/L	ND	-	-	-	-	-	-	-	20 U	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	µg/L	0.05	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.03	-	-	-	-	-	-	-	10 U	-	-	-	-
Heptachlor epoxide	µg/L	0.04	-	-	-	-	-	-	-	20 U	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-	5 U	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	-	-	-	-	-
<i>General Chemistry</i>														
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-
ORP, Field	millivolts	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	mg/L	50	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
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SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>		<i>Standards and Guidance Values</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>														
Volatiles															
1,1,1,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Chlorotoluene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, butyl	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, isopropyl	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, tert-butyl	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-

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SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>		<i>Standards and Guidance Values</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>														
Bromoform	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg / L	7	-	-	-	-	-	-	-	-	-	-	-	-	1
Chloromethane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg / L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg / L	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg / L	10	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	µg / L	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs	µg / L	-	-	-	ND	-	-	-	ND	-	-	-	-	-	-
Total VOCs/SVOCS	µg / L	-	ND	-	-	-	ND	ND	-	-	-	ND	ND	-	-
trans-1,2-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg / L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Trichloroethene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg / L	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (total)	µg / L	5 (b)	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>													
<i>Semi-Volatiles</i>															
1,2,4,5-Tetrachlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	10	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Naphthylamine	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Picoline	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylcholanthrene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Aminobiphenyl	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Dimethylaminoazobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
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SCHENECTADY, NEW YORK**

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>	<i>Standards and Guidance Values</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>													
4-Methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg / L	20	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	µg / L	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz[a,j]acridine	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl methanesulfonate	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg / L	0.5	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
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SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
		<i>Guidance Values</i>													
<i>Parameter</i>	<i>Unit</i>														
Hexachlorocyclopentadiene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl methanesulfonate	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg / L	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg / L	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrosodiphenylamine / Diphenylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-N-butylamine	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosopiperidine	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenacetin	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Phthalic acid	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Metals</i>															
Aluminum	µg / L	-	-	-	-	-	-	-	-	-	37700	-	-	16800	-
Aluminum (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	45.5 B	-	-	-	-
Antimony	µg / L	3	-	-	-	-	-	-	-	-	26.1 B ^a	-	-	-	-
Antimony (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg / L	25	-	-	-	-	-	-	-	30 ^a	9.7 J	-	-	8.1 J	-
Arsenic (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	33.4 B	-	-	-	-
Barium	µg / L	1000	-	-	-	-	-	-	-	-	288	-	-	190 B	-
Barium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	59 B	-
Beryllium	µg / L	3	-	-	-	-	-	-	-	7 ^a	2.3 B	-	-	1.1 B	-
Beryllium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	90800	-	-	-	-
Calcium	µg / L	-	-	-	-	-	-	-	-	-	326000	-	-	194000	-
Calcium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	101000	-

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<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>		<i>Standards and Guidance Values</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>														
Chromium	µg/L	50	-	-	-	-	-	-	-	145 ^a	51.4 ^a	-	-	26.8	-
Chromium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-	47.1 B	-	-	19 B	-
Cobalt (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-	-	98	-	-	47.8	-
Copper (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	97.1 J	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-	-	94100 J ^a	-	-	39600 J ^a	-
Iron (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	1 B	-	-	-	-
Lead	µg/L	25	-	-	-	42 ^a	-	-	-	134 ^a	57.3 ^a	-	-	24.4	-
Lead (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	9890	-	-	-	-
Magnesium	µg/L	35000	-	-	-	-	-	-	-	-	49100 ^a	-	-	279.00	-
Magnesium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	4.7 B	-	-	13100	-
Manganese	µg/L	300	-	-	-	-	-	-	-	-	3260 ^a	-	-	1440 ^a	-
Manganese (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	3.1 B	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-	-	83.1	-	-	35.2 B	-
Nickel (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	1060 B	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-	-	7170	-	-	4230 B	-
Potassium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	808 B	-
Selenium	µg/L	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	93700	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-	-	95900 ^a	-	-	164000 ^a	-
Sodium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	157000	-
Thallium	µg/L	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-	-	98.7	-	-	36.3 B	-
Vanadium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	9.6 J	-	-	-	-
Zinc	µg/L	2000	-	-	-	-	-	-	-	-	256 J	-	-	136 J	-
Zinc (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	29.4 J	-
PCBs															
Aroclor-1016 (PCB-1016)	µg/L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>			<i>NYSDEC</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Name:</i>			<i>Water Quality</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2</i>	<i>GT-2-NY</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3</i>	<i>GT-3-NY</i>	<i>GT-3</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-4</i>	<i>GT-5</i>
<i>Sample Date:</i>			<i>Standards and Guidance Values</i>	<i>10/23/1987</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>															
Aroclor-1248 (PCB-1248)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																
4,4'-DDD	µg / L	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg / L	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg / L	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg / L	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg / L	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	µg / L	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg / L	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	µg / L	35	-	-	-	-	-	35	-	-	-	-	-	-	-	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																
Conductivity	µmhos / cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg / L	200	-	-	-	-	-	-	-	-	-	1.7 B	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORP, Field	millivolts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	mg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:		NYSDEC	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7	GT-7	GT-7	GT-8
Sample Name:		Water Quality	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7-NY	GT-7	GT-7	GT-8
Sample Date:		Standards and	8/20/1987	9/8/1992	12/13/1994	8/4/1987	8/20/1987	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/8/1992	12/13/1994	8/4/1987
		Guidance Values												
Parameter	Unit													
Volatiles														
1,1,1,2-Tetrachloroethane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1,1-Trichloroethane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1,2,2-Tetrachloroethane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1,2-Trichloroethane	µg / L	1	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1-Dichloroethane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1-Dichloroethene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,1-Dichloropropene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2,3-Trichlorobenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2,3-Trichloropropane	µg / L	0.04	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2,4-Trimethylbenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dibromo-3-chloropropane (DBCP)	µg / L	0.04	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dibromoethane (Ethylene Dibromide)	µg / L	0.0006	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dichloroethane	µg / L	0.6	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dichloroethene (total)	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg / L	1	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,3,5-Trimethylbenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,3-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,3-Dichloropropane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,4-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
2,2-Dichloropropane	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
2,4-Chlorotoluene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
2-Butanone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg / L	1	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzene, butyl	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzene, isopropyl	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzene, tert-butyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Bromodichloromethane	µg / L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		NYSDEC	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7	GT-7	GT-7	GT-8
<i>Sample Name:</i>		Water Quality	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7-NY	GT-7	GT-7	GT-8
<i>Sample Date:</i>		Standards and	8/20/1987	9/8/1992	12/13/1994	8/4/1987	8/20/1987	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/8/1992	12/13/1994	8/4/1987
		Guidance Values												
<i>Parameter</i>	<i>Unit</i>													
Bromoform	µg/L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Bromomethane	µg/L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Carbon disulfide	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	2 J	2 U	-	-	-	-	-	-	-	2 U	-
Chlorobenzene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Chlorobromomethane	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Chloroethane	µg/L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Chloroform (Trichloromethane)	µg/L	7	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Chloromethane	µg/L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
cis-1,2-Dichloroethene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
cis-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-
Cymene	µg/L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dibromochloromethane	µg/L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dibromomethane	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Ethylbenzene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Hexachlorobutadiene	µg/L	0.5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
m&p-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Methylene chloride	µg/L	5	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Naphthalene	µg/L	10	-	-	2 U	-	-	-	-	-	-	-	2 U	-
n-Propylbenzene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Tetrachlorobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Toluene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Total VOCs	µg/L	-	-	-	-	-	-	-	-	ND	-	-	-	-
Total VOCs/SVOCS	µg/L	-	ND	-	-	ND	ND	ND	ND	-	-	-	-	ND
trans-1,2-Dichloroethene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
trans-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Trichlorofluoromethane	µg/L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Vinyl acetate	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Xylene (total)	µg/L	5 (b)	-	-	2 U	-	-	-	-	-	-	-	2 U	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-6</i>	<i>GT-6</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-8</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-6</i>	<i>GT-6</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7-NY</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-8</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>12/13/1994</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>12/13/1994</i>	<i>8/4/1987</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>												
<i>Semi-Volatiles</i>														
1,2,4,5-Tetrachlorobenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,2-Diphenylhydrazine	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,3-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1,4-Dichlorobenzene	µg / L	3	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1-Chloronaphthalene	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
1-Naphthylamine	µg / L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2,2'-oxybis(1-Chloropropane)	µg / L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
2,3,4,6-Tetrachlorophenol	µg / L	-	-	-	20 U	-	-	-	-	-	-	-	20 U	-
2,4,5-Trichlorophenol	µg / L	1	-	-	10 U	-	-	-	-	-	-	-	10 U	-
2,4,6-Trichlorophenol	µg / L	1	-	-	10 U	-	-	-	-	-	-	-	10 U	-
2,4-Dichlorophenol	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2,4-Dimethylphenol	µg / L	1	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2,4-Dinitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2,6-Dichlorophenol	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2,6-Dinitrotoluene	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2-Chloronaphthalene	µg / L	10	-	-	2 U	-	-	-	-	-	-	-	2 U	-
2-Chlorophenol	µg / L	1	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2-Methyl naphthalene	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
2-Methylphenol	µg / L	1	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2-Naphthylamine	µg / L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
2-Nitroaniline	µg / L	5	-	-	20 U	-	-	-	-	-	-	-	20 U	-
2-Nitrophenol	µg / L	1	-	-	10 U	-	-	-	-	-	-	-	10 U	-
2-Picoline	µg / L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
3&4-Methylphenol	µg / L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
3,3'-Dichlorobenzidine	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
3-Methylcholanthrene	µg / L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
3-Nitroaniline	µg / L	5	-	-	20 U	-	-	-	-	-	-	-	20 U	-
4,6-Dinitro-2-methylphenol	µg / L	1	-	-	50 U	-	-	-	-	-	-	-	50 U	-
4-Aminobiphenyl	µg / L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
4-Bromophenyl phenyl ether	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
4-Chloro-3-methylphenol	µg / L	1	-	-	10 U	-	-	-	-	-	-	-	10 U	-
4-Chloroaniline	µg / L	5	-	-	5 U	-	-	-	-	-	-	-	5 U	-
4-Chlorophenyl phenyl ether	µg / L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
4-Dimethylaminoazobenzene	µg / L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
4-Methyl-2,6-dinitrophenol	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:		NYSDEC	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7	GT-7	GT-7	GT-8
Sample Name:		Water Quality	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7-NY	GT-7	GT-7	GT-8
Sample Date:		Standards and	8/20/1987	9/8/1992	12/13/1994	8/4/1987	8/20/1987	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/8/1992	12/13/1994	8/4/1987
		Guidance Values												
Parameter	Unit													
4-Methylphenol	µg /L	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg /L	5	-	-	20 U	-	-	-	-	-	-	-	20 U	-
4-Nitrophenol	µg /L	1	-	-	-	-	-	-	-	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	µg /L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Acenaphthene	µg /L	20	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Acenaphthylene	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Acetophenone	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Aldrin	µg /L	ND	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Anthracene	µg /L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzidine	µg /L	5	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Benzo(a)anthracene	µg /L	0.002	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzo(a)pyrene	µg /L	ND	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzo(b)fluoranthene	µg /L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg /L	0.002	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzo(g,h,i)perylene	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Benzo(k)fluoranthene	µg /L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg /L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
beta&gamma-BHC (sum of isomers)	µg /L	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
bis(2-Chloroethoxy)methane	µg /L	5	-	-	2 U	-	-	-	-	-	-	-	2 U	-
bis(2-Chloroethyl)ether	µg /L	1	-	-	2 U	-	-	-	-	-	-	-	2 U	-
bis(2-Ethylhexyl)phthalate	µg /L	5	-	9 U	10 U	-	-	-	-	-	-	-	10 U	-
Butyl benzylphthalate	µg /L	50	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Carbazole	µg /L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	µg /L	0.005	-	-	30 U	-	-	-	-	-	-	-	30 U	-
Chrysene	µg /L	0.002	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dibenz(a,h)anthracene	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dibenz[a,j]acridine	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Dibenzofuran	µg /L	-	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Diethyl phthalate	µg /L	50	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Dimethyl phthalate	µg /L	50	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Di-n-butylphthalate	µg /L	50	-	1 U	10 U	-	-	-	-	-	-	-	10 U	-
Di-n-octyl phthalate	µg /L	50	-	6 U	10 U	-	-	-	-	-	-	-	10 U	-
Ethyl methanesulfonate	µg /L	-	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Fluoranthene	µg /L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Fluorene	µg /L	50	-	-	2 U	-	-	-	-	-	-	-	2 U	-
Hexachlorobenzene	µg /L	0.04	-	-	5 U	-	-	-	-	-	-	-	5 U	-
Hexachlorobutadiene	µg /L	0.5	-	-	5 U	-	-	-	-	-	-	-	5 U	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>			NYSDEC	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7	GT-7	GT-7	GT-8
<i>Sample Name:</i>			Water Quality	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7-NY	GT-7	GT-7	GT-8
<i>Sample Date:</i>			Standards and	8/20/1987	9/8/1992	12/13/1994	8/4/1987	8/20/1987	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/8/1992	12/13/1994	8/4/1987
			Guidance Values												
<i>Parameter</i>	<i>Unit</i>														
Hexachlorocyclopentadiene	µg/L	5	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Hexachloroethane	µg/L	5	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002	-	-	2 U	-	-	-	-	-	-	-	-	2 U	-
Isophorone	µg/L	50	-	-	2 U	-	-	-	-	-	-	-	-	2 U	-
Methyl methanesulfonate	µg/L	-	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Naphthalene	µg/L	10	-	-	2 U	-	-	-	-	-	-	-	-	2 U	-
Nitrobenzene	µg/L	0.4	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Nitrosodiphenylamine / Diphenylamine	µg/L	50	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
N-Nitrosodimethylamine	µg/L	50	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
N-Nitrosodi-N-butylamine	µg/L	-	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
N-Nitrosodiphenylamine	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosopiperidine	µg/L	-	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Pentachlorophenol	µg/L	1	-	-	50 U	-	-	-	-	-	-	-	-	50 U	-
Phenacetin	µg/L	-	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Phenanthrene	µg/L	50	-	-	2 U	-	-	-	-	-	-	-	-	2 U	-
Phenol	µg/L	1	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Phthalic acid	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	µg/L	-	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Pyrene	µg/L	50	-	-	2 U	-	-	-	-	-	-	-	-	2 U	-
Pyridine	µg/L	50	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Toxaphene	µg/L	0.06	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Metals															
Aluminum	µg/L	-	-	951	-	-	-	-	-	-	-	-	305	-	-
Aluminum (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000	-	50.7 B	-	-	-	-	-	-	-	-	29.7 B	-	-
Barium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	-	-	112000	-	-	-	-	-	-	-	-	83000	-	-
Calcium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:		NYSDEC	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7	GT-7	GT-7	GT-8
Sample Name:		Water Quality	GT-5	GT-5	GT-5	GT-6	GT-6	GT-7	GT-7	GT-7	GT-7-NY	GT-7	GT-7	GT-8
Sample Date:		Standards and	8/20/1987	9/8/1992	12/13/1994	8/4/1987	8/20/1987	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/8/1992	12/13/1994	8/4/1987
Guidance Values														
Parameter	Unit													
Chromium	µg / L	50	-	3.7 B	-	-	-	-	-	-	-	-	-	-
Chromium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg / L	200	-	3.3 B	-	-	-	-	-	-	-	5 B	-	-
Copper (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg / L	300	-	1710 ^a	-	-	-	-	-	-	-	614 J ^a	-	-
Iron (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg / L	25	-	3.1	-	-	-	-	-	-	34 ^a	2.5 B	-	-
Lead (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg / L	35000	-	12900	-	-	-	-	-	-	-	8650	-	-
Magnesium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg / L	300	-	53	-	-	-	-	-	-	-	33.4	-	-
Manganese (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg / L	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg / L	100	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg / L	-	-	2060 B	-	-	-	-	-	-	-	867 B	-	-
Potassium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg / L	10	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg / L	20000	-	53500 ^a	-	-	-	-	-	-	-	37900 ^a	-	-
Sodium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg / L	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg / L	-	-	3.5 B	-	-	-	-	-	-	-	-	-	-
Vanadium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg / L	2000	-	22.7 J	-	-	-	-	-	-	-	7.2 J	-	-
Zinc (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	30 U	-
Aroclor-1221 (PCB-1221)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	30 U	-
Aroclor-1232 (PCB-1232)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	30 U	-
Aroclor-1242 (PCB-1242)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	30 U	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>			<i>NYSDEC</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-6</i>	<i>GT-6</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-8</i>
<i>Sample Name:</i>			<i>Water Quality</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-5</i>	<i>GT-6</i>	<i>GT-6</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-7-NY</i>	<i>GT-7</i>	<i>GT-7</i>	<i>GT-8</i>
<i>Sample Date:</i>			<i>Standards and</i>	<i>8/20/1987</i>	<i>9/8/1992</i>	<i>12/13/1994</i>	<i>8/4/1987</i>	<i>8/20/1987</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>12/13/1994</i>	<i>8/4/1987</i>
			<i>Guidance Values</i>												
<i>Parameter</i>	<i>Unit</i>														
Aroclor-1248 (PCB-1248)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	-	30 U	-
Aroclor-1254 (PCB-1254)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	-	30 U	-
Aroclor-1260 (PCB-1260)	µg / L	0.09 (d)	-	-	30 U	-	-	-	-	-	-	-	-	30 U	-
Total PCBs	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pesticides</i>															
4,4'-DDD	µg / L	0.3	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
4,4'-DDE	µg / L	0.2	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
4,4'-DDT	µg / L	0.2	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg / L	0.01	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
alpha-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg / L	0.04	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Dieldrin	µg / L	0.004	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Endosulfan I	µg / L	-	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Endosulfan II	µg / L	-	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Endosulfan sulfate	µg / L	-	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Endrin	µg / L	ND	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Endrin aldehyde	µg / L	5	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Endrin ketone	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	µg / L	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg / L	0.03	-	-	10 U	-	-	-	-	-	-	-	-	10 U	-
Heptachlor epoxide	µg / L	0.04	-	-	20 U	-	-	-	-	-	-	-	-	20 U	-
Methoxychlor	µg / L	35	-	-	5 U	-	-	-	-	-	-	-	-	5 U	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>General Chemistry</i>															
Conductivity	µmhos / cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg / L	200	-	1.5 B	-	-	-	-	-	-	-	-	1.3 B	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORP, Field	millivolts	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	mg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:	NYSDEC		GT-8	GT-8	GT-8	GT-8	GT-9	GT-9	GT-9	GT-9	GT-9	GT-9	GT-9	GT-10	GT-10
Sample Name:	Water Quality	GT-8	GT-8	GT-8-NY	GT-8	GT-9	GT-9	GT-9	GT-9	GT-9-NY	GT-9	GT-9	GT-9	GT-10	GT-10
Sample Date:	Standards and Guidance Values	8/21/1987	9/9/1988	9/9/1988	9/8/1992	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/9/1988	9/8/1992	9/1/1993	12/14/1994	2/18/1988	9/8/1992
Parameter	Unit														
Volatiles															
1,1,1,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,1,1-Trichloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,1,2,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,1,2-Trichloroethane	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,1-Dichloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,1-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,1-Dichloropropene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2,3-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2,3-Trichloropropane	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2,4-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	1540 ^a	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2-Dibromoethane (Ethylene Dibromide)	µg / L	0.0006	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,2-Dichloroethane	µg / L	0.6	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,2-Dichloroethene (total)	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-
1,3,5-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	1690 ^a	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,3-Dichloropropane	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2,2-Dichloropropane	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2,4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2-Butanone	µg / L	50	-	-	-	-	-	-	-	-	-	10 U	-	-	-
2-Chloroethyl vinyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg / L	50	-	-	-	-	-	-	-	-	-	10 U	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	µg / L	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-
Acetone	µg / L	50	-	-	-	-	-	-	-	-	-	10 U	-	-	-
Benzene	µg / L	1	-	-	-	-	-	-	141 ^a	170 ^a	-	5 U	20 U	-	-
Benzene, butyl	µg / L	-	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Benzene, isopropyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	146 ^a	-	-
Benzene, tert-butyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Bromodichloromethane	µg / L	50	-	-	-	-	-	-	-	-	-	5 U	20 U	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8-NY</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9-NY</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Date:</i>	<i>Standards and Guidance Values</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>9/1/1993</i>	<i>12/14/1994</i>	<i>2/18/1988</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>													
Bromoform	µg / L	50	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Bromomethane	µg / L	5	-	-	-	-	-	-	-	-	10 U	20 U	-	-
Carbon disulfide	µg / L	-	-	-	-	-	-	-	-	-	5 U	-	-	-
Carbon tetrachloride	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Chlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Chlorobromomethane	µg / L	5	-	-	-	-	-	-	-	-	-	20 U	-	-
Chloroethane	µg / L	5	-	-	-	-	-	-	-	-	10 U	50 U	-	-
Chloroform (Trichloromethane)	µg / L	7	-	-	-	-	-	-	-	-	5 U	50 U	-	-
Chloromethane	µg / L	-	-	-	-	-	-	-	-	-	10 U	100 U	-	-
cis-1,2-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
cis-1,3-Dichloropropene	µg / L	0.4 (a)	-	-	-	-	-	-	-	-	5 U	-	-	-
Cymene	µg / L	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Dibromochloromethane	µg / L	50	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Dibromomethane	µg / L	5	-	-	-	-	-	-	-	-	-	20 U	-	-
Dichlorodifluoromethane (CFC-12)	µg / L	5	-	-	-	-	-	-	-	-	-	100 U	-	-
Ethylbenzene	µg / L	5	-	-	-	-	-	-	-	-	5 U	23.3 ^a	-	-
Hexachlorobutadiene	µg / L	0.5	-	-	-	-	-	-	-	-	-	20 U	-	-
m&p-Xylene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg / L	-	-	-	-	-	-	-	-	-	-	50 U	-	-
Methylene chloride	µg / L	5	-	-	-	-	-	-	-	-	5 U	100 U	-	-
Naphthalene	µg / L	10	-	-	-	-	-	-	-	-	-	20TBQ	-	-
n-Propylbenzene	µg / L	5	-	-	-	-	-	-	-	-	-	225 ^a	-	-
o-Xylene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Tetrachlorobenzene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Toluene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Total VOCs	µg / L	-	-	ND	-	-	-	-	-	-	-	-	-	-
Total VOCs / SVOCs	µg / L	-	ND	-	-	-	ND	ND	-	-	-	-	ND	-
trans-1,2-Dichloroethene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
trans-1,3-Dichloropropene	µg / L	0.4 (a)	-	-	-	-	-	-	-	-	5 U	-	-	-
Trichlorobenzene	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg / L	5	-	-	-	-	-	-	-	-	5 U	20 U	-	-
Trichlorofluoromethane	µg / L	5	-	-	-	-	-	-	-	-	-	20 U	-	-
Vinyl acetate	µg / L	-	-	-	-	-	-	-	-	-	10 U	-	-	-
Vinyl chloride	µg / L	2	-	-	-	-	-	-	-	-	10 U	100 U	-	-
Xylene (total)	µg / L	5 (b)	-	-	-	-	-	-	93 ^a	36 ^a	6300 ^a	150 ^a	1040 ^a	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8-NY</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9-NY</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>9/1/1993</i>	<i>12/14/1994</i>	<i>2/18/1988</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>													
<i>Semi-Volatiles</i>															
1,2,4,5-Tetrachlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2-Diphenylhydrazine	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1-Chloronaphthalene	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2,2'-oxybis(1-Chloropropane)	µg / L	-	-	-	-	-	-	-	-	-	1500 E	-	10 U	-	-
2,3,4,6-Tetrachlorophenol	µg / L	-	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2,4,5-Trichlorophenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	10 U	-	-
2,4,6-Trichlorophenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	10 U	-	-
2,4-Dichlorophenol	µg / L	5	-	-	-	-	-	-	-	-	-	5 U	5 U	-	-
2,4-Dimethylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	5 U	-	-
2,4-Dinitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	25 U	-	-	-
2,4-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2,6-Dichlorophenol	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2,6-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2-Chloronaphthalene	µg / L	10	-	-	-	-	-	-	-	-	-	-	2 U	-	-
2-Chlorophenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	5 U	-	-
2-Methyl naphthalene	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
2-Methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	5 U	-	-
2-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2-Nitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	10 U	-	-
2-Picoline	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
3&4-Methylphenol	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
3,3'-Dichlorobenzidine	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
3-Methylcholanthrene	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
3-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
4,6-Dinitro-2-methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	-	50 U	-	-
4-Aminobiphenyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	2 U	-	-
4-Bromophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
4-Chloro-3-methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-
4-Chloroaniline	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
4-Chlorophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
4-Dimethylaminoazobenzene	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
4-Methyl-2,6-dinitrophenol	µg / L	-	-	-	-	-	-	-	-	-	-	25 U	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:	NYSDEC	GT-8	GT-8	GT-8	GT-8	GT-9	GT-9	GT-9	GT-9	GT-9	GT-9	GT-9	GT-10	GT-10	
Sample Name:	Water Quality	GT-8	GT-8	GT-8-NY	GT-8	GT-9	GT-9	GT-9	GT-9	GT-9-NY	GT-9	GT-9	GT-9	GT-10	
Sample Date:	Standards and Guidance Values	8/21/1987	9/9/1988	9/9/1988	9/8/1992	8/4/1987	8/21/1987	9/9/1988	9/9/1988	9/9/1988	9/8/1992	9/1/1993	12/14/1994	2/18/1988	9/8/1992
Parameter	Unit														
4-Methylphenol	µg / L	1	-	-	-	-	-	-	-	-	-	5 U	-	-	-
4-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	-	1300 E ^a	-	20 U	-	-
4-Nitrophenol	µg / L	1	-	-	-	-	-	-	-	-	-	25 U	-	-	-
7,12-Dimethylbenz(a)anthracene	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Acenaphthene	µg / L	20	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Acenaphthylene	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Acetophenone	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Anthracene	µg / L	50	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzidine	µg / L	5	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Benzo(a)anthracene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzo(a)pyrene	µg / L	ND	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzo(b)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzo(g,h,i)perylene	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzo(k)fluoranthene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
beta&gamma-BHC (sum of isomers)	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
bis(2-Chloroethoxy)methane	µg / L	5	-	-	-	-	-	-	-	-	-	-	2 U	-	-
bis(2-Chloroethyl)ether	µg / L	1	-	-	-	-	-	-	-	-	-	-	2 U	-	-
bis(2-Ethylhexyl)phthalate	µg / L	5	-	-	-	420 D ^a	-	-	-	-	1 U D 26 U	-	10 U	-	-
Butyl benzylphthalate	µg / L	50	-	-	-	-	-	-	-	-	5	-	10 U	-	-
Carbazole	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	µg / L	0.005	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Chrysene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dibenz(a,h)anthracene	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dibenz[a,j]acridine	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dibenzofuran	µg / L	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Diethyl phthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Dimethyl phthalate	µg / L	50	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Di-n-butylphthalate	µg / L	50	-	-	-	3 U	-	-	-	-	6 U	-	10 U	-	-
Di-n-octyl phthalate	µg / L	50	-	-	-	12 U	-	-	-	-	3 U	-	10 U	-	-
Ethyl methanesulfonate	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Fluoranthene	µg / L	50	-	-	-	-	-	-	-	-	0.5 J	-	2 U	-	-
Fluorene	µg / L	50	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Hexachlorobenzene	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Hexachlorobutadiene	µg / L	0.5	-	-	-	-	-	-	-	-	-	-	5 U	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8-NY</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9-NY</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Date:</i>	<i>Standards and Guidance Values</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>9/1/1993</i>	<i>12/14/1994</i>	<i>2/18/1988</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>														
Hexachlorocyclopentadiene	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Hexachloroethane	µg / L	5	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Indeno(1,2,3-cd)pyrene	µg / L	0.002	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Isophorone	µg / L	50	-	-	-	-	-	-	-	-	110 ^a	-	2 U	-	-
Methyl methanesulfonate	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Naphthalene	µg / L	10	-	-	-	-	-	-	-	-	-	-	4.4	-	-
Nitrobenzene	µg / L	0.4	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Nitrosodiphenylamine / Diphenylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	5 U	-	-
N-Nitrosodimethylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	10 U	-	-
N-Nitrosodi-N-butylamine	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
N-Nitrosodi-n-propylamine	µg / L	-	-	-	-	-	-	-	-	-	5100 E	-	10 U	-	-
N-Nitrosodiphenylamine	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosopiperidine	µg / L	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Pentachlorophenol	µg / L	1	-	-	-	-	-	-	-	-	-	25 U	50 U	-	-
Phenacetin	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Phenanthrene	µg / L	50	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Phenol	µg / L	1	-	-	-	-	-	-	-	5 ^a	-	5 U	5 U	-	-
Phthalic acid	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	µg / L	-	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Pyrene	µg / L	50	-	-	-	-	-	-	-	-	0.4 J	-	2 U	-	-
Pyridine	µg / L	50	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	20 U	-	-
<i>Metals</i>															
Aluminum	µg / L	-	-	-	-	24500	-	-	-	-	3310	-	-	-	490
Aluminum (Dissolved)	µg / L	-	-	-	-	29.3 B	-	-	-	-	-	-	-	-	-
Antimony	µg / L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg / L	25	-	-	-	9.3 J	-	-	-	-	2.2 J	-	-	-	-
Arsenic (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg / L	1000	-	-	1440 ^a	230	-	-	-	-	88.2 B	-	-	-	42.5
Barium (Dissolved)	µg / L	-	-	-	-	28.5 B	-	-	-	-	59.3 B	-	-	-	-
Beryllium	µg / L	3	-	-	100 ^a	1.6 B	-	-	-	4 ^a	-	-	-	-	-
Beryllium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	2.5
Cadmium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg / L	-	-	-	-	190000	-	-	-	-	152000	-	-	-	109000
Calcium (Dissolved)	µg / L	-	-	-	-	82400	-	-	-	-	142000	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8-NY</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9-NY</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>9/1/1993</i>	<i>12/14/1994</i>	<i>2/18/1988</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>													
Chromium	µg / L	50	-	-	177 ^a	30.7	-	-	-	-	5.7 B	-	-	-	4.2
Chromium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg / L	-	-	-	-	28 B	-	-	-	-	-	-	-	-	-
Cobalt (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg / L	200	-	-	-	65.1	-	-	-	-	11.2 B	-	-	-	7
Copper (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	3.9 B	-	-	-	-
Iron	µg / L	300	-	-	-	57800 J ^a	-	-	-	-	6980 J ^a	-	-	-	1210 ^a
Iron (Dissolved)	µg / L	-	-	-	-	65.2 J	-	-	-	-	-	-	-	-	-
Lead	µg / L	25	-	-	447 ^a	30.9 ^a	-	-	-	57 ^a	6.6	-	-	-	2.9
Lead (Dissolved)	µg / L	-	-	-	-	1 B	-	-	-	-	-	-	-	-	-
Magnesium	µg / L	35000	-	-	-	25900	-	-	-	-	18800	-	-	-	11200
Magnesium (Dissolved)	µg / L	-	-	-	-	8770	-	-	-	-	16600	-	-	-	-
Manganese	µg / L	300	-	-	-	1740 ^a	-	-	-	-	1280 ^a	-	-	-	67.9
Manganese (Dissolved)	µg / L	-	-	-	-	3 B	-	-	-	-	868	-	-	-	-
Mercury	µg / L	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg / L	100	-	-	-	53.6	-	-	-	-	-	-	-	-	-
Nickel (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg / L	-	-	-	-	5160	-	-	-	-	1730 B	-	-	-	1040
Potassium (Dissolved)	µg / L	-	-	-	-	1060 B	-	-	-	-	670 B	-	-	-	-
Selenium	µg / L	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg / L	20000	-	-	-	4740 B	-	-	-	-	8660	-	-	-	10100
Sodium (Dissolved)	µg / L	-	-	-	-	3880 B	-	-	-	-	8700	-	-	-	-
Thallium	µg / L	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg / L	-	-	-	-	55.2	-	-	-	-	8.1 B	-	-	-	17.2
Vanadium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg / L	2000	-	-	-	186	-	-	-	-	76.5 J	-	-	-	-
Zinc (Dissolved)	µg / L	-	-	-	-	6.1 J	-	-	-	-	23.5 J	-	-	-	-
PCBs															
Aroclor-1016 (PCB-1016)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Aroclor-1221 (PCB-1221)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Aroclor-1232 (PCB-1232)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Aroclor-1242 (PCB-1242)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-8</i>	<i>GT-8</i>	<i>GT-8-NY</i>	<i>GT-8</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9-NY</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-9</i>	<i>GT-10</i>	<i>GT-10</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>8/4/1987</i>	<i>8/21/1987</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>9/8/1992</i>	<i>9/1/1993</i>	<i>12/14/1994</i>	<i>2/18/1988</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>													
Aroclor-1248 (PCB-1248)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Aroclor-1254 (PCB-1254)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Aroclor-1260 (PCB-1260)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Total PCBs	µg / L	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Pesticides															
4,4'-DDD	µg / L	0.3	-	-	-	-	-	-	-	-	-	-	20 U	-	-
4,4'-DDE	µg / L	0.2	-	-	-	-	-	-	-	-	-	-	20 U	-	-
4,4'-DDT	µg / L	0.2	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg / L	0.01	-	-	-	-	-	-	-	-	-	-	10 U	-	-
alpha-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Dieldrin	µg / L	0.004	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Endosulfan I	µg / L	-	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Endosulfan II	µg / L	-	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Endosulfan sulfate	µg / L	-	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Endrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Endrin aldehyde	µg / L	5	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Endrin ketone	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	µg / L	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg / L	0.03	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Heptachlor epoxide	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Methoxychlor	µg / L	35	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry															
Conductivity	µmhos / cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg / L	200	-	-	-	-	-	-	-	-	19.6	-	-	-	41.2
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORP, Field	millivolts	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	mg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>	<i>Standards and Guidance Values</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>											<i>Duplicate</i>		<i>Duplicate</i>
Volatiles														
1,1,1,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
1,1,1-Trichloroethane	µg / L	5	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg / L	5	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,1,2-Trichloroethane	µg / L	1	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,1-Dichloroethane	µg / L	5	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,1-Dichloroethene	µg / L	5	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,1-Dichloropropene	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2,3-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2,3-Trichloropropane	µg / L	0.04	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2,4-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	2590 ^a	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg / L	0.04	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	µg / L	0.0006	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	20 U	-	-	-	-	-
1,2-Dichloroethane	µg / L	0.6	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,2-Dichloroethene (total)	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg / L	1	-	-	-	-	-	5 U	20 U	-	-	-	-	-
1,3,5-Trimethylbenzene	µg / L	5	-	-	-	-	-	-	2880 ^a	-	-	-	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	20 U	-	-	-	-	-
1,3-Dichloropropane	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	20 U	-	-	-	-	-
2,2-Dichloropropane	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
2,4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
2-Butanone	µg / L	50	-	-	-	-	-	10 U	-	-	-	-	-	-
2-Chloroethyl vinyl ether	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg / L	50	-	-	-	-	-	10 U	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
4-Chlorotoluene	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	µg / L	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Acetone	µg / L	50	-	-	-	-	-	10 U	-	-	-	-	-	-
Benzene	µg / L	1	-	-	-	-	-	5 U	20 U	-	-	-	-	-
Benzene, butyl	µg / L	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Benzene, isopropyl	µg / L	5	-	-	-	-	-	-	29.9 ^a	-	-	-	-	-
Benzene, tert-butyl	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg / L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
Bromodichloromethane	µg / L	50	-	-	-	-	-	5 U	20 U	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>	<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>										<i>Duplicate</i>		<i>Duplicate</i>
Bromoform	µg/L	50	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Bromomethane	µg/L	5	-	-	-	-	-	-	10 U	20 U	-	-	-	-
Carbon disulfide	µg/L	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	2 J	2 J
Chlorobenzene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Chlorobromomethane	µg/L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	10 U	50 U	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	5 U	50 U	-	2 J	2 J	2 J
Chloromethane	µg/L	-	-	-	-	-	-	-	10 U	100 U	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
cis-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	5 U	-	-	-	-	-
Cymene	µg/L	-	-	-	-	-	-	-	-	48.4	-	-	-	-
Dibromochloromethane	µg/L	50	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Dibromomethane	µg/L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	100 U	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	20 U	-	-	-	-
m&p-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/L	-	-	-	-	-	-	-	-	50 U	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	5 U	100 U	-	-	-	-
Naphthalene	µg/L	10	-	-	-	-	-	-	-	20TBQ	-	-	-	-
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-	37.7 ^a	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Tetrachlorobenzene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	5 J	-	5 U	20 U	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
Total VOCs	µg/L	-	-	ND	-	-	-	-	-	-	-	-	-	-
Total VOCs/SVOCs	µg/L	-	ND	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	-	-	-
trans-1,3-Dichloropropene	µg/L	0.4 (a)	-	-	-	-	-	-	5 U	-	-	-	-	-
Trichlorobenzene	µg/L	-	-	-	-	1	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	5 U	20 U	-	9 J ^a	4 J	26 ^a
Trichlorofluoromethane	µg/L	5	-	-	-	-	-	-	-	20 U	-	-	-	-
Vinyl acetate	µg/L	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	10 U	100 U	-	-	-	-
Xylene (total)	µg/L	5 (b)	-	-	-	-	-	-	620 ^a	170 ^a	115 ^a	-	-	-

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<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
		<i>Guidance Values</i>											<i>Duplicate</i>		<i>Duplicate</i>
<i>Parameter</i>	<i>Unit</i>														
<i>Semi-Volatiles</i>															
1,2,4,5-Tetrachlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1,2,4-Trichlorobenzene	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1,2-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1,2-Diphenylhydrazine	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1,3-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1,4-Dichlorobenzene	µg / L	3	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1-Chloronaphthalene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-
1-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	µg / L	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-
2,4,5-Trichlorophenol	µg / L	1	-	-	-	-	-	-	5 U	10 U	-	-	-	-	-
2,4,6-Trichlorophenol	µg / L	1	-	-	-	-	-	-	5 U	10 U	-	-	-	-	-
2,4-Dichlorophenol	µg / L	5	-	-	-	-	-	-	5 U	5 U	-	-	-	-	-
2,4-Dimethylphenol	µg / L	1	-	-	-	-	-	-	2 J ^a	5 U	-	-	-	-	-
2,4-Dinitrophenol	µg / L	1	-	-	-	-	-	-	25 U	-	-	-	-	-	-
2,4-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
2,6-Dichlorophenol	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
2,6-Dinitrotoluene	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
2-Chloronaphthalene	µg / L	10	-	-	-	-	-	-	-	2 U	-	-	-	-	-
2-Chlorophenol	µg / L	1	-	-	-	-	-	-	5 U	5 U	-	-	-	-	-
2-Methyl naphthalene	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-
2-Methylphenol	µg / L	1	-	-	-	-	-	-	5 U	5 U	-	-	-	-	-
2-Naphthylamine	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
2-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	-	-
2-Nitrophenol	µg / L	1	-	-	-	-	-	-	5 U	10 U	-	-	-	-	-
2-Picoline	µg / L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
3&4-Methylphenol	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
3-Methylcholanthrene	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
3-Nitroaniline	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg / L	1	-	-	-	-	-	-	-	50 U	-	-	-	-	-
4-Aminobiphenyl	µg / L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-
4-Bromophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-
4-Chloro-3-methylphenol	µg / L	1	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-
4-Chloroaniline	µg / L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg / L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-
4-Dimethylaminoazobenzene	µg / L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	µg / L	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-

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<i>Sample Location:</i>	<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>	<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>	<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
<i>Parameter</i>	<i>Unit</i>	<i>Guidance Values</i>										<i>Duplicate</i>		<i>Duplicate</i>
4-Methylphenol	µg/L	1	-	-	-	-	-	5 U	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	20 U	-	-	-	-	-
4-Nitrophenol	µg/L	1	-	-	-	-	-	25 U	-	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	µg/L	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Acenaphthene	µg/L	20	-	-	-	-	-	-	2 U	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Aldrin	µg/L	ND	-	-	-	-	-	-	10 U	-	-	-	-	-
Anthracene	µg/L	50	-	-	-	-	-	-	2 U	-	-	-	-	-
Benzidine	µg/L	5	-	-	-	-	-	-	10 U	-	-	-	-	-
Benzo(a)anthracene	µg/L	0.002	-	-	-	-	-	-	2 U	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND	-	-	-	-	-	-	2 U	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg/L	0.002	-	-	-	-	-	-	2 U	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg/L	-	-	-	-	3 U	-	-	10 U	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	µg/L	-	-	-	-	-	-	-	10 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	2 U	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	2 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	µg/L	5	-	-	-	7 U	1 U	-	10 U	3 U	6 U	3 U	3 U	10 U
Butyl benzylphthalate	µg/L	50	-	-	-	1 J	-	-	10 U	-	2 U	1 J	-	7 J
Carbazole	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	µg/L	0.005	-	-	-	-	-	-	30 U	-	-	-	-	-
Chrysene	µg/L	0.002	-	-	-	-	-	-	2 U	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Dibenz[a,j]acridine	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Diethyl phthalate	µg/L	50	-	-	-	2 U	-	-	10 U	-	-	-	-	-
Dimethyl phthalate	µg/L	50	-	-	-	-	-	-	10 U	-	-	-	-	-
Di-n-butylphthalate	µg/L	50	-	-	-	10 U	6 U	-	10 U	-	2 U	2 U	-	-
Di-n-octyl phthalate	µg/L	50	-	-	-	7 U	-	-	10 U	-	2 U	-	-	3 U
Ethyl methanesulfonate	µg/L	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Fluoranthene	µg/L	50	-	-	-	-	-	-	2 U	-	-	-	-	-
Fluorene	µg/L	50	-	-	-	-	-	-	2 U	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	5 U	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	5 U	-	-	-	-	-

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<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
		<i>Guidance Values</i>											<i>Duplicate</i>		<i>Duplicate</i>
<i>Parameter</i>	<i>Unit</i>														
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Isophorone	µg/L	50	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Methyl methanesulfonate	µg/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Naphthalene	µg/L	10	-	-	-	-	-	12 ^a	-	3.4	-	-	-	-	-
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Nitrosodiphenylamine / Diphenylamine	µg/L	50	-	-	-	-	-	-	-	5 U	-	-	-	-	-
N-Nitrosodimethylamine	µg/L	50	-	-	-	-	-	-	-	10 U	-	-	-	-	-
N-Nitrosodi-N-butylamine	µg/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosopiperidine	µg/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	25 U	50 U	-	-	-	-	-
Phenacetin	µg/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Phenanthrene	µg/L	50	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	5 U	5 U	32 ^a	-	-	-	-
Phthalic acid	µg/L	-	-	-	120	-	-	-	-	-	-	-	-	-	-
Pronamide	µg/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Pyrene	µg/L	50	-	-	-	-	-	-	-	2 U	-	-	-	-	-
Pyridine	µg/L	50	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	20 U	-	-	-	-	-
<i>Metals</i>															
Aluminum	µg/L	-	-	-	-	-	26000	8830	-	-	20000	1230	702	1310	987
Aluminum (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	21	-	-	4.7 J	1.4 J	-	-	5.2 J	1.3 J	1.3 J	1.2 J	1.5 J
Arsenic (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	236	126 B	-	-	198 B	72.8 B	69.7 B	74.2 B	68.8 B
Barium (Dissolved)	µg/L	-	-	-	-	-	-	59.3 B	-	-	42.8 B	-	-	-	-
Beryllium	µg/L	3	-	2	-	-	1.5 B	-	-	-	1.2 B	-	-	-	-
Beryllium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	-	-	-	-	-	222000	172000	-	-	230000	92600	87800	121000	112000
Calcium (Dissolved)	µg/L	-	-	-	-	-	-	135000	-	-	107000	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>			<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>			<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>			<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
			<i>Guidance Values</i>											<i>Duplicate</i>		<i>Duplicate</i>
<i>Parameter</i>	<i>Unit</i>															
Chromium	µg / L	50	-	30	-	-	-	40.5	13.3	-	-	36.4	5.9 B	4.7 B	4.5 B	3.8 B
Chromium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg / L	-	-	-	-	-	-	28.7 B	6.9 B	-	-	19.3 B	-	-	-	-
Cobalt (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg / L	200	-	90	-	-	-	75.9	21.5 B	-	-	52.5	14.4 B	11.6 B	5.9 B	6.7 B
Copper (Dissolved)	µg / L	-	-	-	-	-	-	-	5 B	-	-	-	-	-	-	-
Iron	µg / L	300	-	-	-	-	-	67500 J ^a	16800 J ^a	-	-	45400 J ^a	4820 J ^a	2500 J ^a	3040 J ^a	2550 J ^a
Iron (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg / L	25	-	140 ^a	31 ^a	-	-	35.8 ^a	6.6	-	-	26.3 ^a	6.5	5	3.8	4.3
Lead (Dissolved)	µg / L	-	-	-	-	-	-	-	1.2 B	-	-	1.3 B	-	-	-	-
Magnesium	µg / L	35000	-	-	-	-	-	33600	23400	-	-	37200 ^a	12900	13000	17400	16300
Magnesium (Dissolved)	µg / L	-	-	-	-	-	-	-	16100	-	-	15400	-	-	-	-
Manganese	µg / L	300	-	-	-	-	-	2020 ^a	672 ^a	-	-	1510 ^a	164	114	133	118
Manganese (Dissolved)	µg / L	-	-	-	-	-	-	-	173	-	-	5.9 B	-	-	-	-
Mercury	µg / L	0.7	-	-	-	-	-	-	2 J ^a	-	-	-	-	-	-	-
Mercury (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg / L	100	-	80	-	-	-	53.4	16.4 B	-	-	40.7	-	-	-	-
Nickel (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg / L	-	-	-	-	-	-	4980 B	3850 B	-	-	5160	1540 B	1200 B	1510 B	1280 B
Potassium (Dissolved)	µg / L	-	-	-	-	-	-	-	1380 B	-	-	1880 B	-	-	-	-
Selenium	µg / L	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg / L	20000	-	-	-	-	-	114000 ^a	47600 ^a	-	-	4570 B	22900 ^a	28800 ^a	35600 ^a	36400 ^a
Sodium (Dissolved)	µg / L	-	-	-	-	-	-	-	38700	-	-	3360 B	-	-	-	-
Thallium	µg / L	0.5	-	70 ^a	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg / L	-	-	-	-	-	-	57	17 B	-	-	44 B	4.5 B	-	4.7 B	5.2 B
Vanadium (Dissolved)	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg / L	2000	-	180	-	-	-	234 J	217	-	-	184 J	29.3 J	32.2 J	15.5 J	15 J
Zinc (Dissolved)	µg / L	-	-	-	-	-	-	-	25.6 J	-	-	23.3 J	-	-	-	-
PCBs																
Aroclor-1016 (PCB-1016)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg / L	0.09 (d)	-	-	-	-	-	-	-	-	30 U	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-15</i>	<i>GT-16</i>	<i>GT-16</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-11</i>	<i>GT-11</i>	<i>GT-11-NY</i>	<i>GT-12</i>	<i>GT-12</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-13</i>	<i>GT-14</i>	<i>GT-15</i>	<i>GT-18</i>	<i>GT-16</i>	<i>GT-17</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>2/18/1988</i>	<i>9/9/1988</i>	<i>9/9/1988</i>	<i>2/18/1988</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/2/1993</i>	<i>12/13/1994</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>	<i>9/8/1992</i>
		<i>Guidance Values</i>											<i>Duplicate</i>		<i>Duplicate</i>
<i>Parameter</i>	<i>Unit</i>														
Aroclor-1248 (PCB-1248)	µg / L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg / L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg / L	0.09 (d)	-	-	-	-	-	-	-	30 U	-	-	-	-	-
Total PCBs	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides															
4,4'-DDD	µg / L	0.3	-	-	-	-	-	-	-	20 U	-	-	-	-	-
4,4'-DDE	µg / L	0.2	-	-	-	-	-	-	-	20 U	-	-	-	-	-
4,4'-DDT	µg / L	0.2	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Aldrin	µg / L	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg / L	0.01	-	-	-	-	-	-	-	10 U	-	-	-	-	-
alpha-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg / L	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg / L	0.04	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Dieldrin	µg / L	0.004	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Endosulfan I	µg / L	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Endosulfan II	µg / L	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Endosulfan sulfate	µg / L	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Endrin	µg / L	ND	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Endrin aldehyde	µg / L	5	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Endrin ketone	µg / L	5	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	µg / L	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg / L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg / L	0.03	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Heptachlor epoxide	µg / L	0.04	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Methoxychlor	µg / L	35	-	-	-	-	-	-	-	5 U	-	-	-	-	-
Toxaphene	µg / L	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry															
Conductivity	µmhos / cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg / L	200	-	-	-	-	0.82 B	1.3 B	-	-	1.3 B	5.88	1 B	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORP, Field	millivolts	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	mg / L	50	-	-	-	-	-	-	-	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:		NYSDEC	GT-16	SMW-1	SMW-2
Sample Name:		Water Quality	GT-16	SMW-1	SMW-2
Sample Date:		Standards and	12/13/1994	9/27/1991	9/27/1991
		Guidance Values			
Parameter	Unit				
Volatiles					
1,1,1,2-Tetrachloroethane	µg/L	5	2 U	-	-
1,1,1-Trichloroethane	µg/L	5	2 U	5 U	5 U
1,1,2,2-Tetrachloroethane	µg/L	5	2 U	5 U	5 U
1,1,2-Trichloroethane	µg/L	1	2 U	5 U	5 U
1,1-Dichloroethane	µg/L	5	2 U	5 U	5 U
1,1-Dichloroethene	µg/L	5	2 U	5 U	5 U
1,1-Dichloropropene	µg/L	5	2 U	-	-
1,2,3-Trichlorobenzene	µg/L	5	2 U	-	-
1,2,3-Trichloropropane	µg/L	0.04	2 U	-	-
1,2,4-Trichlorobenzene	µg/L	5	2 U	-	-
1,2,4-Trimethylbenzene	µg/L	5	2 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	2 U	-	-
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	0.0006	2 U	-	-
1,2-Dichlorobenzene	µg/L	3	2 U	5 U	5 U
1,2-Dichloroethane	µg/L	0.6	2 U	5 U	5 U
1,2-Dichloroethene (total)	µg/L	5	-	5 U	5 U
1,2-Dichloropropane	µg/L	1	2 U	5 U	5 U
1,3,5-Trimethylbenzene	µg/L	5	2 U	-	-
1,3-Dichlorobenzene	µg/L	3	2 U	-	-
1,3-Dichloropropane	µg/L	5	2 U	-	-
1,4-Dichlorobenzene	µg/L	3	2 U	-	-
2,2-Dichloropropane	µg/L	5	2 U	-	-
2,4-Chlorotoluene	µg/L	5	2 U	-	-
2-Butanone	µg/L	50	-	-	-
2-Chloroethyl vinyl ether	µg/L	-	-	10 U	10 U
2-Chlorotoluene	µg/L	5	-	-	-
2-Hexanone	µg/L	50	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/L	5	2 U	-	-
4-Chlorotoluene	µg/L	5	-	-	-
4-Methyl-2-pentanone	µg/L	-	-	-	-
Acetone	µg/L	50	-	-	-
Benzene	µg/L	1	2 U	5 U	5 U
Benzene, butyl	µg/L	-	2 U	-	-
Benzene, isopropyl	µg/L	5	2 U	-	-
Benzene, tert-butyl	µg/L	5	-	-	-
Bromobenzene	µg/L	5	2 U	-	-
Bromodichloromethane	µg/L	50	2 U	5 U	5 U

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>12/13/1994</i>	<i>9/27/1991</i>	<i>9/27/1991</i>
		<i>Guidance Values</i>			
<i>Parameter</i>	<i>Unit</i>				
Bromoform	µg / L	50	2 U	5 U	5 U
Bromomethane	µg / L	5	5 U	10 U	10 U
Carbon disulfide	µg / L	-	-	-	-
Carbon tetrachloride	µg / L	5	2 U	5 U	5 U
Chlorobenzene	µg / L	5	2 U	5 U	5 U
Chlorobromomethane	µg / L	5	2 U	-	-
Chloroethane	µg / L	5	5 U	10 U	10 U
Chloroform (Trichloromethane)	µg / L	7	5 U	5 U	5 U
Chloromethane	µg / L	-	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg / L	5	2 U	-	-
cis-1,3-Dichloropropene	µg / L	0.4 (a)	-	5 U	5 U
Cymene	µg / L	-	2 U	-	-
Dibromochloromethane	µg / L	50	2 U	5 U	5 U
Dibromomethane	µg / L	5	2 U	-	-
Dichlorodifluoromethane (CFC-12)	µg / L	5	10 U	-	-
Ethylbenzene	µg / L	5	2 U	5 U	5 U
Hexachlorobutadiene	µg / L	0.5	2 U	-	-
m&p-Xylene	µg / L	5	-	-	-
Methyl Tert Butyl Ether	µg / L	-	5 U	-	-
Methylene chloride	µg / L	5	10 U	5 U	5 U
Naphthalene	µg / L	10	2 U	-	-
n-Propylbenzene	µg / L	5	2 U	-	-
o-Xylene	µg / L	5	-	-	-
Styrene	µg / L	5	2 U	-	-
Tetrachlorobenzene	µg / L	-	-	-	-
Tetrachloroethene	µg / L	5	2 U	5 U	5 U
Toluene	µg / L	5	2 U	5 U	5 U
Total VOCs	µg / L	-	-	-	-
Total VOCs / SVOCs	µg / L	-	-	-	-
trans-1,2-Dichloroethene	µg / L	5	2 U	-	-
trans-1,3-Dichloropropene	µg / L	0.4 (a)	-	-	-
Trichlorobenzene	µg / L	-	-	-	-
Trichloroethene	µg / L	5	21.7 ^a	5 U	5 U
Trichlorofluoromethane	µg / L	5	2 U	5 U	5 U
Vinyl acetate	µg / L	-	-	-	-
Vinyl chloride	µg / L	2	10 U	10 U	10 U
Xylene (total)	µg / L	5 (b)	2 U	-	-

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>12/13/1994</i>	<i>9/27/1991</i>	<i>9/27/1991</i>
		<i>Guidance Values</i>			
<i>Parameter</i>	<i>Unit</i>				
Semi-Volatiles					
1,2,4,5-Tetrachlorobenzene	µg / L	5	2 U	-	-
1,2,4-Trichlorobenzene	µg / L	5	2 U	10 U	10 U
1,2-Dichlorobenzene	µg / L	3	2 U	10 U	10 U
1,2-Diphenylhydrazine	µg / L	-	2 U	10 U	10 U
1,3-Dichlorobenzene	µg / L	3	2 U	10 U	10 U
1,4-Dichlorobenzene	µg / L	3	2 U	10 U	10 U
1-Chloronaphthalene	µg / L	-	2 U	-	-
1-Naphthylamine	µg / L	-	5 U	-	-
2,2'-oxybis(1-Chloropropane)	µg / L	-	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	µg / L	-	20 U	-	-
2,4,5-Trichlorophenol	µg / L	1	10 U	-	-
2,4,6-Trichlorophenol	µg / L	1	10 U	10 U	10 U
2,4-Dichlorophenol	µg / L	5	5 U	10 U	10 U
2,4-Dimethylphenol	µg / L	1	5 U	10 U	10 U
2,4-Dinitrophenol	µg / L	1	-	50 U	50 U
2,4-Dinitrotoluene	µg / L	5	5 U	10 U	10 U
2,6-Dichlorophenol	µg / L	5	5 U	-	-
2,6-Dinitrotoluene	µg / L	5	5 U	10 U	10 U
2-Chloronaphthalene	µg / L	10	2 U	10 U	10 U
2-Chlorophenol	µg / L	1	5 U	10 U	10 U
2-Methyl naphthalene	µg / L	-	2 U	-	-
2-Methylphenol	µg / L	1	5 U	-	-
2-Naphthylamine	µg / L	-	5 U	-	-
2-Nitroaniline	µg / L	5	20 U	-	-
2-Nitrophenol	µg / L	1	10 U	10 U	10 U
2-Picoline	µg / L	-	10 U	-	-
3&4-Methylphenol	µg / L	-	5 U	-	-
3,3'-Dichlorobenzidine	µg / L	5	5 U	20 U	20 U
3-Methylcholanthrene	µg / L	-	5 U	-	-
3-Nitroaniline	µg / L	5	20 U	-	-
4,6-Dinitro-2-methylphenol	µg / L	1	50 U	-	-
4-Aminobiphenyl	µg / L	5	2 U	-	-
4-Bromophenyl phenyl ether	µg / L	-	2 U	10 U	10 U
4-Chloro-3-methylphenol	µg / L	1	10 U	10 U	10 U
4-Chloroaniline	µg / L	5	5 U	-	-
4-Chlorophenyl phenyl ether	µg / L	-	2 U	10 U	10 U
4-Dimethylaminoazobenzene	µg / L	-	5 U	-	-
4-Methyl-2,6-dinitrophenol	µg / L	-	-	50 U	50 U

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>12/13/1994</i>	<i>9/27/1991</i>	<i>9/27/1991</i>
		<i>Guidance Values</i>			
<i>Parameter</i>	<i>Unit</i>				
4-Methylphenol	µg / L	1	-	-	-
4-Nitroaniline	µg / L	5	20 U	-	-
4-Nitrophenol	µg / L	1	-	50 U	50 U
7,12-Dimethylbenz(a)anthracene	µg / L	-	10 U	-	-
Acenaphthene	µg / L	20	2 U	10 U	10 U
Acenaphthylene	µg / L	-	2 U	10 U	10 U
Acetophenone	µg / L	-	2 U	-	-
Aldrin	µg / L	ND	10 U	-	-
Anthracene	µg / L	50	2 U	10 U	10 U
Benzidine	µg / L	5	10 U	80 U	80 U
Benzo(a)anthracene	µg / L	0.002	2 U	10 U	10 U
Benzo(a)pyrene	µg / L	ND	2 U	10 U	10 U
Benzo(b)fluoranthene	µg / L	0.002	-	10 U	10 U
Benzo(b)fluoranthene / Benzo(k)fluoranthene	µg / L	0.002	2 U	-	-
Benzo(g,h,i)perylene	µg / L	-	2 U	10 U	10 U
Benzo(k)fluoranthene	µg / L	0.002	-	10 U	10 U
Benzoic acid	µg / L	-	-	-	-
Benzyl Alcohol	µg / L	-	10 U	-	-
beta&gamma-BHC (sum of isomers)	µg / L	-	10 U	-	-
bis(2-Chloroethoxy)methane	µg / L	5	2 U	10 U	10 U
bis(2-Chloroethyl)ether	µg / L	1	2 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg / L	5	10 U	10 U	10 U
Butyl benzylphthalate	µg / L	50	10 U	10 U	10 U
Carbazole	µg / L	-	-	-	-
Chlordane	µg / L	0.005	30 U	-	-
Chrysene	µg / L	0.002	2 U	10 U	10 U
Dibenz(a,h)anthracene	µg / L	-	2 U	10 U	10 U
Dibenz[a,j]acridine	µg / L	-	2 U	-	-
Dibenzofuran	µg / L	-	2 U	-	-
Diethyl phthalate	µg / L	50	10 U	10 U	10 U
Dimethyl phthalate	µg / L	50	10 U	10 U	10 U
Di-n-butylphthalate	µg / L	50	10 U	10 U	10 U
Di-n-octyl phthalate	µg / L	50	10 U	10 U	10 U
Ethyl methanesulfonate	µg / L	-	5 U	-	-
Fluoranthene	µg / L	50	2 U	10 U	10 U
Fluorene	µg / L	50	2 U	10 U	10 U
Hexachlorobenzene	µg / L	0.04	5 U	10 U	10 U
Hexachlorobutadiene	µg / L	0.5	5 U	10 U	10 U

**ANALYTICAL RESULTS SUMMARY
HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Sample Location:		NYSDEC	GT-16	SMW-1	SMW-2
Sample Name:		Water Quality	GT-16	SMW-1	SMW-2
Sample Date:		Standards and	12/13/1994	9/27/1991	9/27/1991
		Guidance Values			
Parameter	Unit				
Hexachlorocyclopentadiene	µg / L	5	20 U	10 U	10 U
Hexachloroethane	µg / L	5	5 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg / L	0.002	2 U	10 U	10 U
Isophorone	µg / L	50	2 U	10 U	10 U
Methyl methanesulfonate	µg / L	-	10 U	-	-
Naphthalene	µg / L	10	2 U	10 U	10 U
Nitrobenzene	µg / L	0.4	5 U	10 U	10 U
Nitrosodiphenylamine / Diphenylamine	µg / L	50	5 U	-	-
N-Nitrosodimethylamine	µg / L	50	10 U	10 U	10 U
N-Nitrosodi-N-butylamine	µg / L	-	5 U	-	-
N-Nitrosodi-n-propylamine	µg / L	-	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg / L	50	-	10 U	10 U
N-Nitrosopiperidine	µg / L	-	10 U	-	-
Pentachlorophenol	µg / L	1	50 U	50 U	50 U
Phenacetin	µg / L	-	5 U	-	-
Phenanthrene	µg / L	50	2 U	10 U	10 U
Phenol	µg / L	1	5 U	10 U	10 U
Phthalic acid	µg / L	-	-	-	-
Pronamide	µg / L	-	5 U	-	-
Pyrene	µg / L	50	2 U	10 U	10 U
Pyridine	µg / L	50	10 U	-	-
Toxaphene	µg / L	0.06	20 U	-	-
Metals					
Aluminum	µg / L	-	-	-	-
Aluminum (Dissolved)	µg / L	-	-	-	-
Antimony	µg / L	3	-	-	-
Antimony (Dissolved)	µg / L	-	-	-	-
Arsenic	µg / L	25	-	-	-
Arsenic (Dissolved)	µg / L	-	-	-	-
Barium	µg / L	1000	-	-	-
Barium (Dissolved)	µg / L	-	-	-	-
Beryllium	µg / L	3	-	-	-
Beryllium (Dissolved)	µg / L	-	-	-	-
Cadmium	µg / L	5	-	-	-
Cadmium (Dissolved)	µg / L	-	-	-	-
Calcium	µg / L	-	-	-	-
Calcium (Dissolved)	µg / L	-	-	-	-

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Sample Location:		NYSDEC	GT-16	SMW-1	SMW-2
Sample Name:		Water Quality	GT-16	SMW-1	SMW-2
Sample Date:		Standards and	12/13/1994	9/27/1991	9/27/1991
		Guidance Values			
Parameter	Unit				
Chromium	µg / L	50	-	-	-
Chromium (Dissolved)	µg / L	-	-	-	-
Cobalt	µg / L	-	-	-	-
Cobalt (Dissolved)	µg / L	-	-	-	-
Copper	µg / L	200	-	-	-
Copper (Dissolved)	µg / L	-	-	-	-
Iron	µg / L	300	-	-	-
Iron (Dissolved)	µg / L	-	-	-	-
Lead	µg / L	25	-	-	-
Lead (Dissolved)	µg / L	-	-	-	-
Magnesium	µg / L	35000	-	-	-
Magnesium (Dissolved)	µg / L	-	-	-	-
Manganese	µg / L	300	-	-	-
Manganese (Dissolved)	µg / L	-	-	-	-
Mercury	µg / L	0.7	-	-	-
Mercury (Dissolved)	µg / L	-	-	-	-
Nickel	µg / L	100	-	-	-
Nickel (Dissolved)	µg / L	-	-	-	-
Potassium	µg / L	-	-	-	-
Potassium (Dissolved)	µg / L	-	-	-	-
Selenium	µg / L	10	-	-	-
Selenium (Dissolved)	µg / L	-	-	-	-
Silver	µg / L	50	-	-	-
Silver (Dissolved)	µg / L	-	-	-	-
Sodium	µg / L	20000	-	-	-
Sodium (Dissolved)	µg / L	-	-	-	-
Thallium	µg / L	0.5	-	-	-
Thallium (Dissolved)	µg / L	-	-	-	-
Vanadium	µg / L	-	-	-	-
Vanadium (Dissolved)	µg / L	-	-	-	-
Zinc	µg / L	2000	-	-	-
Zinc (Dissolved)	µg / L	-	-	-	-
PCBs					
Aroclor-1016 (PCB-1016)	µg / L	0.09 (d)	30 U	-	-
Aroclor-1221 (PCB-1221)	µg / L	0.09 (d)	30 U	-	-
Aroclor-1232 (PCB-1232)	µg / L	0.09 (d)	30 U	-	-
Aroclor-1242 (PCB-1242)	µg / L	0.09 (d)	30 U	-	-

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HISTORICAL GROUNDWATER QUALITY DATA
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<i>Sample Location:</i>		<i>NYSDEC</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Name:</i>		<i>Water Quality</i>	<i>GT-16</i>	<i>SMW-1</i>	<i>SMW-2</i>
<i>Sample Date:</i>		<i>Standards and</i>	<i>12/13/1994</i>	<i>9/27/1991</i>	<i>9/27/1991</i>
		<i>Guidance Values</i>			
<i>Parameter</i>	<i>Unit</i>				
Aroclor-1248 (PCB-1248)	µg / L	0.09 (d)	30 U	-	-
Aroclor-1254 (PCB-1254)	µg / L	0.09 (d)	30 U	-	-
Aroclor-1260 (PCB-1260)	µg / L	0.09 (d)	30 U	-	-
Total PCBs	µg / L	-	-	-	-
<i>Pesticides</i>					
4,4'-DDD	µg / L	0.3	20 U	-	-
4,4'-DDE	µg / L	0.2	20 U	-	-
4,4'-DDT	µg / L	0.2	20 U	-	-
Aldrin	µg / L	ND	-	-	-
alpha-BHC	µg / L	0.01	10 U	-	-
alpha-Chlordane	µg / L	-	-	-	-
beta-BHC	µg / L	0.04	-	-	-
delta-BHC	µg / L	0.04	10 U	-	-
Dieldrin	µg / L	0.004	10 U	-	-
Endosulfan I	µg / L	-	20 U	-	-
Endosulfan II	µg / L	-	20 U	-	-
Endosulfan sulfate	µg / L	-	20 U	-	-
Endrin	µg / L	ND	20 U	-	-
Endrin aldehyde	µg / L	5	20 U	-	-
Endrin ketone	µg / L	5	-	-	-
gamma-BHC (Lindane)	µg / L	0.05	-	-	-
gamma-Chlordane	µg / L	-	-	-	-
Heptachlor	µg / L	0.03	10 U	-	-
Heptachlor epoxide	µg / L	0.04	20 U	-	-
Methoxychlor	µg / L	35	5 U	-	-
Toxaphene	µg / L	0.06	-	-	-
<i>General Chemistry</i>					
Conductivity	µmhos / cm	-	-	1140	1230
Cyanide (total)	µg / L	200	-	10 U	10 U
pH (water)	s.u.	-	-	7.2	7.2
ORP, Field	millivolts	-	-	177	180
Sulfide	mg / L	50	-	1.7	0.72

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HISTORICAL GROUNDWATER QUALITY DATA
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK**

Notes:

- ND - Non-detect at associated value.
- U - Non-detect at associated value.
- J - Associated value is considered estimated.
- TBQ - Trace below quantitation limit.
- D - Sample dilution.
- E - Estimated value.
- - Not analyzed or data unavailable.