TABLE 1.1

CHRONOLOGY OF PREVIOUS SITE INVESTIGATIONS
RI REPORT
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Date	*Company*	*Description of Activities*	*Reason for Activities*
On-Site Investigations			
April/May 1987	Groundwater Technology, Inc.	Collection of groundwater samples from GT-1 and GT-2.	Component of investigation to determine whether a 1987 spill near the former RCRA Storage Tank impacted groundwater.
August 1987	Groundwater Technology, Inc.	Collection of two rounds of groundwater samples from GT-1 through GT-9.	Component of subsurface investigation to assess areas of concern throughout the Site.
February 1988	Groundwater Technology, Inc.	Collection of groundwater samples from monitoring wells GT-1, GT-2, GT-10, GT-11 and GT-12.	Samples were collected as part of an additional subsurface investigation requested by NYSDEC.
September 1988	Groundwater Technology, Inc.	Collection of groundwater samples from monitoring wells GT-2, GT-3, GT-7, GT-8, GT-9, and GT-11.	Samples were collected as part of an additional subsurface investigation requested by NYSDEC. NYSDEC collected split samples.
September 1991	Smith & Mahoney, P.C.	Installation of monitoring wells SMW-1 and SMW-2 and collection of groundwater samples.	Component of Environmental Assessment Update of Building RV-42 Warehouse.
September 1992	Groundwater Technology, Inc.	Collection of groundwater samples from monitoring wells GT-1, GT-3 through GT-10, and GT-12 through GT-16.	Samples were collected as part of an additional subsurface assessment program requested by NYSDEC. NYSDEC collected split samples.
September 1993	Rust Environment & Infrastructure, Inc.	Collection of groundwater samples from monitoring wells GT-9 and GT-13.	Collected to evaluate the impact of a June 1992 IMI wash solvent spill on groundwater quality.
December 1, 1994	Wagner, Heindel and Noyes, Inc.	Collection of groundwater samples from GT-1, GT-4, GT-5, GT-7, GT-9, GT-10, GT-12, GT-13, GT-14, GT-15, and GT-16.	Sample collection completed as a component of a real estate transaction investigation.

TABLE 1.1

CHRONOLOGY OF PREVIOUS SITE INVESTIGATIONS
RI REPORT
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Date	*Company*	*Description of Activities*	*Reason for Activities*
Off-Site Investigations			
August/January 1986	Woodward-Clyde Consultants	Collections of groundwater samples from GE-11.	Component of 1989 Field Investigation, sample submitted for priority pollutant organic analyses.
Twelve sampling events between March 1983 and December 1997	Dames & Moore	Collection of groundwater samples from GE-30 and GE-31.	Routine monitoring.

TABLE 2.1

CHRONOLOGY OF SEPTEMBER 2001 - JUNE 2002 FIELD ACTIVITIES
RI REPORT
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Date	*Description of Activities*
September 17, 2001	• established and set-up Decontamination Area • collected complete round of water levels for all existing on-Site monitoring wells • inspected existing monitoring wells GT-2 and GT-3
September 18, 2001	• abandoned vapor extraction wells RV1-1, RV2-1, RV28-2, RV28-4, R-6C, R-7, RV37-2, RV30-3, R-9, RV16-4, RV14-3B, RV11-12 • abandoned monitoring wells GT-2 and GT-6 • attempted to locate vapor extraction wells RV14-1, RV33-6, RV37-1, and monitoring well GT-11
Septmber 19 and 20, 2001	• redeveloped all existing on-Site monitoring wells (i.e., GT wells) and collected field measurement data
September 21, 2001	• drilled replacement monitoring well GT-2R to a depth of 68 ft bgs • removed sand berm surrounding area U18 to access borehole locations
September 24 to October 9, 2001	• completed soil boring and sampling program in areas U6, U8, U18, U19, and U25
October 2, 2001	• completed surface soil sample collection in area B16
October 1 to October 15, 2001	• completed groundwater monitoring well installation program (i.e., VRI-1 to VRI-8)
October 15, 2001	• collected full round of water levels from all newly installed (except VRI-5) and existing monitoring wells
October 16 to 18, 2001	• completed groundwater sampling program of all existing and newly installed monitoring wells (with the exception of VRI-5)
October 22 to 25, 2001	• installed deep monitoring well VRI-5 to a depth of 117 ft bgs
November 29, 2001	• purged and sampled newly installed groundwater monitoring well VRI-5
November 30 to December 3, 2001	• performed hydrualic conductivity testing on monitoring wells GT-2R, VRI-1 to VRI-4 and VRI-6 to VRI-8
December 4, 2001	• collected full round of water levels from all newly installed and existing monitoring wells
January 28, 2002	• collected full round of groundwater levels from all GT and VRI wells
March 7 to 8, 2002	• performed hydrualic conductivity testing on monitoring wells GT-5, GT-7, GT-10, GT-12 to GT-16, SMW-1 and SMW-2
April 1, 2002	• collected full round of water levels from all newly installed and existing monitoring wells
April 2 to 4, 2002	• completed groundwater sampling program of all existing and newly installed monitoring wells [with the exception of VRI-6 (dry)]
May 3, 2002	• collected full round of water levels from all newly installed and existing monitoring wells
June 28, 2002	• collected full round of water levels from all newly installed and existing monitoring wells

TABLE 2.2

BOREHOLE AND MONITORING WELL COMPLETION DETAILS
RI REPORT
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Boring Location I.D.	*Depth (ft)*	*Completion Date (mm/dd/yy)*	*Groundsurface Elevation (ft AMSL)*	*Reference Elevation (ft AMSL)*	*Primary Geologic Unit*
U6-SB1	20	09-Oct-01	340.43	-	Sand
U6-SB2	20	09-Oct-01	340.54	-	Sand
U8-SB1	60	28-Sep-01	340.76	-	Sand
U8-SB2	20	27-Sep-01	340.78	-	Sand
U8-SB3	20	27-Sep-01	340.91	-	Sand
U8-SB4	52	01-Oct-01	341.12	-	Sand
U18-SB1	20	25-Sep-01	341.74	-	Sand
U18-SB2	20	24-Sep-01	342.79	-	Sand
U18-SB3	42	24-Sep-01	340.71	-	Sand
U18-SB4	24	25-Sep-01	340.21	-	Sand
U19-SB1	20	26-Sep-01	341.44	-	Sand
U19-SB2	30	26-Sep-01	341.09	-	Sand
U19-SB3	20	26-Sep-01	340.81	-	Sand
U25-SB1	20	09-Oct-01	341.21	-	Sand
U25-SB2	20	09-Oct-01	340.98	-	Sand
U25-SB3	20	09-Oct-01	340.58	-	Sand
B16-SS1	0.5	02-Oct-01	340.89	-	-
B16-SS2	0.5	02-Oct-01	340.90	-	-
B16-SS3	0.5	02-Oct-01	340.80	-	-
B16-SS4	0.5	02-Oct-01	340.95	-	-
B16-SS5	0.5	02-Oct-01	340.26	-	-
B16-SS6	0.5	02-Oct-01	340.49	-	-
GT-2R	68	21-Sep-01	340.98	342.72	Sand
VRI-1	70	12-Oct-01	340.85	343.08	Sand
VRI-2	77	15-Oct-01	344.99	347.38	Sand
VRI-3	79	10-Oct-01	341.17	343.41	Sand
VRI-4	80	10-Oct-01	341.02	342.93	Sand
VRI-5	117	25-Oct-01	340.60	343.01	Sand
VRI-6	76	08-Oct-01	340.29	342.65	Sand
VRI-7	58	05-Oct-01	339.82	342.29	Sand
VRI-8	59	04-Oct-01	339.69	341.96	Sand

TABLE 2.3

SAMPLING AND ANALYSIS SUMMARY
SEPTEMBER - NOVEMBER 2001
RI REPORT
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

							Analysis/Parameters								
Sample ID	*Location I.D.*	*Depth (ft)*	*Matrix*	*PID Reading (ppm)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides*	*PCBs*	*TPH (DRO)*	*Phenols*	*Cyanide*	*Metals*	*Comment(s)*
S-18631-092401-MEJ-001a	U18-SB2	2-4	Soil	13.1	09/24/01	10:10	X	X		X	X	X			
S-18631-092401-MEJ-001b	U18-SB2	18-20	Soil	0	09/24/01	10:45	X	X		X	X	X			
S-18631-092401-MEJ-002a	U18-SB3	18-20	Soil	46.2	09/24/01	01:00	X	X		X	X	X			
S-18631-092401-MEJ-002b	U18-SB3	40-42	Soil	0	09/24/01	03:00	X	X		X	X	X			
S-18631-092501-MEJ-003a	U18-SB4	4-6	Soil	20.6	09/25/01	09:00	X	X		X	X	X			
S-18631-092501-MEJ-003b	U18-SB4	22-24	Soil	0	09/25/01	10:00	X	X		X	X	X			
S-18631-092501-MEJ-004a	U18-SB1	2-4	Soil	16.7	09/25/01	11:10	X	X		X	X	X			
S-18631-092501-MEJ-004b	U18-SB1	18-20	Soil	0	09/25/01	12:00	X	X		X	X	X			
S-18631-092501-MEJ-005a	U18-SB1	2-4	Soil	16.7	09/25/01	11:20	X	X		X	X	X			Field duplicate of S-18631-092501-MEJ-004a
S-18631-092501-MEJ-005b	U18-SB1	18-20	Soil	0	09/25/01	12:15	X	X		X	X	X			Field duplicate of S-18631-092501-MEJ-004b
S-18631-092601-MEJ-006a	U19-SB2	20-22	Soil	89.3	09/26/01	09:00	X	X		X	X	X			MS/MSD
S-18631-092601-MEJ-006b	U19-SB2	28-30	Soil	0	09/26/01	09:30	X	X		X	X	X			
S-18631-092601-MEJ-007a	U19-SB1	2-4	Soil	134.1	09/26/01	10:45	X	X		X	X	X			
S-18631-092601-MEJ-007b	U19-SB1	18-20	Soil	0	09/26/01	11:30	X	X		X	X	X			
S-18631-092601-MEJ-008a	U19-SB3	0-2	Soil	10.4	09/26/01	12:40	X	X		X	X	X			
S-18631-092601-MEJ-008b	U19-SB3	18-20	Soil	0	09/26/01	13:30	X	X		X	X	X			
S-18631-092701-MEJ-009a	U8-SB2	12-14	Soil	19	09/27/01	08:10	X	X		X	X	X			
S-18631-092701-MEJ-009b	U8-SB2	18-20	Soil	0	09/27/01	08:40	X	X		X	X	X			
S-18631-092701-MEJ-010a	U8-SB3	6-8	Soil	24.1	09/27/01	09:30	X	X		X	X	X			
S-18631-092701-MEJ-010b	U8-SB3	18-20	Soil	0	09/27/01	10:20	X	X		X	X	X			
S-18631-092701-MEJ-011a	U8-SB1	18-20	Soil	1999	09/27/01	12:00	X	X		X	X	X			
S-18631-092801-MEJ-011b	U8-SB1	58-60	Soil	176	09/28/01	08:20	X	X		X	X	X			
S-18631-092801-MEJ-012a	U8-SB4	22-24	Soil	1311.9	09/28/01	13:00	X	X		X	X	X			
S-18631-100101-MEJ-012b	U8-SB4	50-52	Soil	257.1	10/01/01	09:30	X	X		X	X	X			
S18631-100201-MEJ-013	B16-SS4	0-0.5	Soil	0	10/02/01	13:00	X	X		X	X	X			
S18631-100201-MEJ-014	B16-SS3	0-0.5	Soil	0	10/02/01	13:20	X	X		X	X	X			
S18631-100201-MEJ-015	B16-SS2	0-0.5	Soil	0	10/02/01	13:40	X	X		X	X	X			
S18631-100201-MEJ-016	B16-SS1	0-0.5	Soil	0	10/02/01	14:00	X	X		X	X	X			
S18631-100201-MEJ-017	B16-SS5	0-0.5	Soil	0	10/02/01	14:20	X	X		X	X	X			

TABLE 2.3

SAMPLING AND ANALYSIS SUMMARY
SEPTEMBER - NOVEMBER 2001
RI REPORT
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

							Analysis/Parameters								
Sample ID	*Location I.D.*	*Depth (ft)*	*Matrix*	*PID Reading (ppm)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides*	*PCBs*	*TPH (DRO)*	*Phenols*	*Cyanide*	*Metals*	*Comment(s)*
S18631-100201-MEJ-018	B16-SS6	0-0.5	Soil	0	10/02/01	14:40	X	X		X	X	X			MS/MSD
S-18631-100901-MEJ-019a	U6-SB1	4-8	Soil	379	10/09/01	10:00	X	X		X	X	X			
S-18631-100901-MEJ-019b	U6-SB1	16-20	Soil	0	10/09/01	11:00	X	X		X	X	X			
S-18631-100901-MEJ-020a	U6-SB2	0-4	Soil	0	10/09/01	11:30	X	X		X	X	X			
S-18631-100901-MEJ-020b	U6-SB2	16-20	Soil	0	10/09/01	12:20	X	X		X	X	X			
S-18631-100901-MEJ-021a	U25-SB1	0-4	Soil	0	10/09/01	13:30	X	X		X	X	X			
S-18631-100901-MEJ-021b	U25-SB1	16-20	Soil	0	10/09/01	14:00	X	X		X	X	X			
S-18631-100901-MEJ-022a	U25-SB2	0-4	Soil	0	10/09/01	14:15	X	X		X	X	X			
S-18631-100901-MEJ-022b	U25-SB2	16-20	Soil	0	10/09/01	14:40	X	X		X	X	X			
S-18631-100901-MEJ-023a	U25-SB3	0-4	Soil	0	10/09/01	15:10	X	X		X	X	X			
S-18631-100901-MEJ-023b	U25-SB3	16-20	Soil	0	10/09/01	15:40	X	X		X	X	X			
S-18631-101201-MEJ-024	VRI-1	55-57	Soil	2000	10/12/01	12:00	X	X		X	X	X			
W-18631-092401-MEJ-001	Split Spoon	-	Water	-	09/24/01	09:40	X	X		X	X	X			Rinse blank
W-18631-092501-MEJ-002	Split Spoon	-	Water	-	09/25/01	08:35	X	X		X	X	X			Rinse blank
W-18631-092601-MEJ-003	Split Spoon	-	Water	-	09/26/01	13:30	X	X		X	X	X			Rinse blank
W-18631-092701-MEJ-004	Split Spoon	-	Water	-	09/27/01	07:30	X	X		X	X	X			Rinse blank
W-18631-092801-MEJ-005	Split Spoon	-	Water	-	09/28/01	07:30	X	X		X	X	X			Rinse blank
W-18631-100101-MEJ-006	Split Spoon	-	Water	-	10/01/01	08:30	X	X		X	X	X			Rinse blank
W-18631-100901-MEJ-007	Split Spoon	-	Water	-	10/09/01	12:00	X	X		X	X	X			Rinse blank
W-18631-101001-MEJ-008	Decon water	-	Water	-	10/10/01	12:00	X	X		X	X	X			Rinse blank
GW-18631-RW-001	VRI-4	-	Water	-	10/16/01	09:15	X	X	X	X	X	X	X	X	
GW-18631-RW-002	VRI-3	-	Water	-	10/16/01	11:45	X	X	X	X	X	X	X	X	
GW-18631-RW-003	GT-9	-	Water	-	10/16/01	12:45	X	X	X	X	X	X	X	X	
GW-18631-RW-004	GT-14	-	Water	-	10/16/01	13:40	X	X	X	X	X	X	X	X	
GW-18631-RW-005	GT-13	-	Water	-	10/16/01	13:45	X	X	X	X	X	X	X	X	
GW-18631-RW-006	GT-R2	-	Water	-	10/16/01	14:30	X	X	X	X	X	X	X	X	
GW-18631-RW-007	GT-1	-	Water	-	10/17/01	08:00	X	X	X	X	X	X	X	X	
GW-18631-RW-008	GT-1	-	Water	-	10/17/01	08:10	X	X	X	X	X	X	X	X	Field duplicate of GW-18631-RW-007
GW-18631-RW-009	GT-12	-	Water	-	10/17/01	10:00	X	X	X	X	X	X	X	X	

TABLE 2.3

SAMPLING AND ANALYSIS SUMMARY
SEPTEMBER - NOVEMBER 2001
RI REPORT
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

							Analysis/Parameters								
Sample ID	*Location I.D.*	*Depth (ft)*	*Matrix*	*PID Reading (ppm)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides*	*PCBs*	*TPH (DRO)*	*Phenols*	*Cyanide*	*Metals*	*Comment(s)*
GW-18631-RW-010	GT-10	-	Water	-	10/17/01	08:20	X	X	X	X	X	X	X	X	
GW-18631-RW-011	GT-3	-	Water	-	10/17/01	11:00	X	X	X	X	X	X	X	X	
GW-18631-RW-012	SMW-2	-	Water	-	10/17/01	13:00	X	X	X	X	X	X	X	X	
GW-18631-RW-013	GT-4	-	Water	-	10/17/01	11:30	X	X	X	X	X	X	X	X	
GW-18631-RW-014	SMW-1	-	Water	-	10/17/01	13:30	X	X	X	X	X	X	X	X	
GW-18631-RW-015	-	-	Water	-	10/17/01	13:30	X	X	X	X	X	X	X	X	Rinse blank
GW-18631-RW-016	GT-8	-	Water	-	10/17/01	14:15	X	X	X	X	X	X	X	X	
GW-18631-RW-017	GT-5	-	Water	-	10/17/01	14:30	X	X	X	X	X	X	X	X	
GW-18631-RW-018	VRI-8	-	Water	-	10/17/01	15:00	X	X	X	X	X	X	X	X	
GW-18631-RW-019	GT-16	-	Water	-	10/17/01	16:00	X	X	X	X	X	X	X	X	
GW-18631-RW-020	VRI-7	-	Water	-	10/18/01	-	X	X	X	X	X	X	X	X	
GW-18631-RW-021	GT-7	-	Water	-	10/18/01	-	X	X	X	X	X	X	X	X	
GW-18631-RW-022	VRI-6	-	Water	-	10/18/01	-	X	X	X	X	X	X	X	X	
GW-18631-RW-023	VRI-2	-	Water	-	10/18/01	08:45	X	X	X	X	X	X	X	X	
GW-18631-RW-024	VRI-1	-	Water	-	10/18/01	10:45	X	X	X	X	X	X	X	X	
GW-18631-RW-025	GT-15	-	Water	-	10/18/01	11:45	X	X	X	X	X	X	X	X	
GW-112701-BP-001	VRI-5	-	Water	-	11/29/01	13:30	X	X	X	X	X	X	X	X	
GW-18631-RW-001	VRI-4	-	Water	-	04/02/02	10:23	X	X			X			X	
GW-18631-RW-002	VRI-3	-	Water	-	04/02/02	11:56	X	X			X			X	
GW-18631-RW-003	GT-14	-	Water	-	04/02/02	13:14	X	X			X			X	
GW-18631-RW-004	GT-4	-	Water	-	04/02/02	14:40	X	X			X			X	
GW-18631-RW-005	GT-9	-	Water	-	04/02/02	10:00	X	X			X			X	
GW-18631-RW-006	VRI-1	-	Water	-	04/02/02	12:30	X	X			X			X	
GW-18631-RW-007	VRI-1	-	Water	-	04/02/02	12:40	X	X			X			X	Field duplicate of GW-18631-RW-006
GW-18631-RW-008	GT-13	-	Water	-	04/02/02	11:30	X	X			X			X	MS/MSD
GW-18631-RW-009	VRI-2	-	Water	-	04/02/02	13:30	X	X			X			X	
GW-18631-RW-010	GT-12	-	Water	-	04/02/02	14:45	X	X			X			X	
GW-18631-RW-011	GT-1	-	Water	-	04/03/02	08:00	X	X			X			X	
GW-18631-RW-012	GT-2R	-	Water	-	04/03/02	09:15	X	X			X			X	

TABLE 2.3

SAMPLING AND ANALYSIS SUMMARY
SEPTEMBER - NOVEMBER 2001
RI REPORT
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

							Analysis/Parameters								
Sample ID	*Location I.D.*	*Depth (ft)*	*Matrix*	*PID Reading (ppm)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides*	*PCBs*	*TPH (DRO)*	*Phenols*	*Cyanide*	*Metals*	*Comment(s)*
GW-18631-RW-013	GT-5	-	Water	-	04/03/02	10:45	X	X			X			X	
GW-18631-RW-014	VRI-8	-	Water	-	04/03/02	13:00	X	X			X			X	
GW-18631-RW-015	GT-10	-	Water	-	04/03/02	07:45	X	X			X			X	
GW-18631-RW-016	SMW-2	-	Water	-	04/03/02	09:00	X	X			X			X	
GW-18631-RW-017	SMW-1	-	Water	-	04/03/02	09:50	X	X			X			X	
GW-18631-RW-018	GT-8	-	Water	-	04/03/02	11:00	X	X			X			X	
GW-18631-RW-019	Rinsate Blank	-	Water	-	04/03/02	14:00	X	X			X			X	Rinse blank
GW-18631-RW-020	VRI-7	-	Water	-	04/03/02	14:15	X	X			X			X	
GW-18631-RW-021	GT-3	-	Water	-	04/04/02	--	X				X				
GW-18631-RW-022	GT-7	-	Water	-	04/04/02	16:25	X	X			X			X	
GW-18631-RW-023	VRI-5	-	Water	-	04/04/02	11:00	X	X			X			X	
GW-18631-RW-024	GT-16	-	Water	-	04/04/02	10:00	X	X			X			X	
GW-18631-RW-025	GT-15	-	Water	-	04/04/02	07:50	X	X			X			X	

Notes:

DRO - Diesel Range Organic
MS - Matrix Spike
MSD - Matrix Spike Duplicate
PCBs - Polychlorinated Biphenyls
SVOCs - Semi-Volatile Organic Compounds
TPH - Total Petroleum Hydrocarbon
VOCs - Volatile Organic Compounds

TABLE 2.4

GROUNDWATER ELEVATION DATA
RI REPORT
VON ROLLS ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Monitoring Well I.D.	Ground Surface (ft AMSL)	Reference Elevation (ft AMSL)	Well Depth (ft)	September 17, 2001		October 15, 2001		December 4, 2001		January 28, 2001		April 1, 2002		May 3, 2002		June 28, 2002	
				Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)	Water Level (ft b.t.o.r)	Groundwater Elevation (ft AMSL)
GT-1	340.79	342.61	66.25	63.15	279.46	63.32	279.29	63.75	278.86	64.03	278.58	64.55	278.06	64.77	277.84	64.75	277.86
GT-2R	340.98	342.72	67.78	63.43	279.29	63.43	279.29	63.83	278.89	64.15	278.57	64.62	278.10	64.88	277.84	64.90	277.82
GT-3	338.86	340.16	65.25	61.75	278.41	61.98	278.18	62.39	277.77	62.61	277.55	63.05	277.11	63.25	276.91	63.20	276.96
GT-4	335.03	338.38	69.71	60.75	277.63	61.00	277.38	61.41	276.97	61.49	276.89	61.97	276.41	62.22	276.16	62.26	276.12
GT-5	340.94	344.14	70.4	57.75	286.39	61.60	282.54	60.98	283.16	60.75	283.39	61.27	282.87	61.80	282.34	61.59	282.55
GT-6	DESTROYED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GT-7	340.90	342.76	70.41	63.11	279.65	63.00	279.76	62.03	280.73	61.81	280.98	61.94	280.82	62.31	280.45	62.42	280.34
GT-8	340.96	344.13	56.6	54.50	289.63	55.06	289.07	55.14	288.99	55.27	288.86	55.62	288.51	55.97	288.16	56.04	288.09
GT-9	339.93	339.82	67.48	62.55	277.27	62.82	277.00	63.18	276.64	63.35	276.47	63.75	276.07	63.88	275.94	63.86	275.96
GT-10	341.83	344.78	72.23	64.84	279.94	65.03	279.75	65.46	279.32	65.77	279.01	66.25	278.53	66.55	278.23	66.56	278.22
GT-11	DESTROYED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GT-12	339.17	341.51	66.15	62.71	278.8	62.88	278.63	64.67	276.84	63.61	277.90	63.98	277.53	64.28	277.23	64.21	277.30
GT-13	341.09	340.82	74.30	61.90	278.92	62.10	278.72	62.61	278.01	(1)	(1)	63.43	277.39	63.65	277.17	63.62	277.20
GT-14	340.34	340.03	69.40	65.06	274.97	65.28	274.75	65.60	274.43	65.66	274.37	65.85	274.18	65.81	274.22	65.70	274.33
GT-15	340.98	340.48	77.00	71.00	269.48	71.06	269.42	71.18	269.30	71.12	269.36	71.35	269.13	71.52	268.96	71.47	269.01
GT-16	339.05	338.89	76.80	69.62	269.27	69.77	269.12	69.92	268.97	69.71	269.18	69.40	269.49	69.80	269.09	69.75	269.14
SMW-1	341.12	340.48	71.75	63.35	277.13	63.57	276.91	63.98	276.50	63.99	276.49	64.36	276.12	64.69	275.79	64.70	275.78
SMW-2	340.94	343.43	72.10	65.66	277.77	65.91	277.52	66.31	277.12	66.41	277.02	66.84	276.59	67.10	276.33	67.20	276.23
VRI-1	340.85	343.08	70.45	-	-	64.61	278.47	64.85	278.23	65.10	277.98	65.52	277.56	65.70	277.38	65.71	277.37
VRI-2	344.99	347.38	76.73	-	-	68.65	278.73	68.96	278.42	69.14	278.24	69.52	277.86	69.68	277.70	69.62	277.76
VRI-3	341.17	343.41	79.48	-	-	70.80	272.61	71.05	272.36	71.03	272.38	71.25	272.16	71.30	272.11	71.18	272.23
VRI-4	341.02	342.93	80.28	-	-	72.77	270.16	72.94	270.16	72.94	269.99	73.21	269.72	73.28	269.65	73.20	269.73
VRI-5	340.60	343.01	117.00	-	-	-	-	96.54	246.47	96.21	246.80	95.95	247.06	95.94	247.07	95.85	247.16
VRI-6	340.29	342.65	75.78	-	-	73.77	268.88	73.69	268.96	73.79	268.86	73.72	268.93	73.75	268.90	73.70	268.95
VRI-7	339.82	342.29	57.58	-	-	51.65	290.64	51.99	290.30	51.97	290.32	52.28	290.01	52.67	289.62	52.70	289.59
VRI-8	339.69	341.96	58.78	-	-	52.12	289.84	52.30	289.66	52.56	289.40	53.00	288.96	53.32	288.64	53.31	288.65

Notes:

(1) - Not available due to heavy snow cover, well could not be located
ft AMSL - feet above mean sea level
ft - feet
ft b.t.o.r. - feet below top of riser

TABLE 2.5

SUMMARY OF SLUG TEST HYDRAULIC CONDUCTIVITY DATA
RI REPORT
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Well Designation	*Screened Horizon*	*Type of Test*	*Saturated Thickness (feet)*	*Calculated Hydraulic Conductivity*	
				Bouwer-Rice (cm/sec)	*Hvorslev (cm/sec)*
GT-2R	SW - Sand	Rising head	5.91	2.31E-03	3.53E-03
GT-5	NA	Rising head	8.56	3.99E-04	2.66E-04
GT-7	NA	Rising head	8.41	1.66E-04	1.10E-04
GT-10	NA	Rising head	--	--	--
GT-12	NA	Rising head	2.51	6.97E-03	1.59E-02
GT-13	NA	Rising head	10.44	2.49E-03	2.12E-03
GT-14	NA	Rising head	3.13	1.42E-03	6.85E-04
GT-15	NA	Rising head	6.08	1.32E-02	8.01E-03
GT-16	NA	Rising head	7.04	1.12E-02	7.06E-03
SMW-1	NA	Rising head	7.34	1.92E-02	1.23E-02
SMW-2	NA	Rising head	5.27	2.68E-02	1.56E-02
VRI-1	SW - Sand/SM - Silty Sand	Rising head	7.38	9.03E-03	1.34E-02
VRI-2	SW - Sand/SM - Silty Sand	Rising head	8.43	1.65E-02	2.24E-02
VRI-3	SM - Silty Sand	Rising head	8.21	9.84E-03	1.08E-02
VRI-4	SP - Sand	Rising head	7.07	1.60E-02	2.25E-02
VRI-5	SM - Silty Sand	Rising head	--	--	--
VRI-6	SP - Sand	Rising head	5.76	2.69E-02	4.14E-02
VRI-7	SW - Sand	Rising head	5.51	7.15E-03	1.28E-02
VRI-8	SM - Silty Sand	Rising head	9.47	2.19E-03	2.94E-03
			Geometric Mean	5.40E-03	5.41E-03

Notes:

NA - Not Available
cm/sec - centimeters per second
-- - Information unavailable due to equipment failure

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
Sample ID:		*TAGM 4046*	*S-18631-100201-MEJ-016*	*S-18631-100201-MEJ-015*	*S-18631-100201-MEJ-014*	*S-18631-100201-MEJ-013*	*S-18631-100201-MEJ-017*	*S-18631-100201-MEJ-018*
Sample Date:		*Recommended Soil*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
		Cleanup Objective	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*
Parameter	*Unit*							
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,1,2-Trichloroethane	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,1-Dichloroethane	µg/kg	200	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,1-Dichloroethene	µg/kg	400	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,2-Dichloroethane	µg/kg	100	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,2-Dichloropropane	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
2-Butanone	µg/kg	300	24 U	24 U	24 U	23 U	24 U	23 U
2-Hexanone	µg/kg	-	24 U	24 U	24 U	23 U	24 U	23 U
4-Methyl-2-pentanone	µg/kg	-	24 U	24 U	24 U	23 U	24 U	23 U
Acetone	µg/kg	200	24 UJ	24 UJ	24 UJ	23 UJ	24 UJ	23 UJ
Benzene	µg/kg	60	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Bromodichloromethane	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Bromoform	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Bromomethane	µg/kg	-	R	R	R	R	R	R
Carbon disulfide	µg/kg	2700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Carbon tetrachloride	µg/kg	600	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Chlorobenzene	µg/kg	1700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Chloroethane	µg/kg	1900	12 U	12 U	12 U	12 U	12 U	12 U
Chloroform (Trichloromethane)	µg/kg	300	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Chloromethane	µg/kg	-	12 U	12 U	12 U	12 U	12 U	12 U
cis-1,2-Dichloroethene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
cis-1,3-Dichloropropene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Dibromochloromethane	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Ethylbenzene	µg/kg	5500	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Methylene chloride	µg/kg	100	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Styrene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Tetrachloroethene	µg/kg	1400	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Toluene	µg/kg	1500	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
trans-1,2-Dichloroethene	µg/kg	300	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
trans-1,3-Dichloropropene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Trichloroethene	µg/kg	700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Vinyl chloride	µg/kg	200	12 U	12 U	12 U	12 U	12 U	12 U
Xylene (total)	µg/kg	1200	18 U	18 U	18 U	17 U	18 U	18 U
Total VOCs	µg/kg	10000	24 U	24 U	24 U	24 U	24 U	24 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	390 U	390 U	390 U	380 U	390 U	390 U
1,2-Dichlorobenzene	µg/kg	7900	390 U	390 U	390 U	380 U	390 U	390 U
1,3-Dichlorobenzene	µg/kg	1600	390 U	390 U	390 U	380 U	390 U	390 U
1,4-Dichlorobenzene	µg/kg	8500	390 U	390 U	390 U	380 U	390 U	390 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
Sample ID:		*TAGM 4046*	*S-18631-100201-MEJ-016*	*S-18631-100201-MEJ-015*	*S-18631-100201-MEJ-014*	*S-18631-100201-MEJ-013*	*S-18631-100201-MEJ-017*	*S-18631-100201-MEJ-018*
Sample Date:		*Recommended Soil*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
		Cleanup Objective	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*
Parameter	*Unit*							
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
2,4,5-Trichlorophenol	µg/kg	100	390 U	390 U	390 U	380 U	390 U	390 U
2,4,6-Trichlorophenol	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dichlorophenol	µg/kg	400	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dimethylphenol	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1900 UJ	1900 UJ	1900 UJ	1900 UJ	1900 UJ	1900 U
2,4-Dinitrotoluene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
2,6-Dinitrotoluene	µg/kg	1	390 U	390 U	390 U	380 U	390 U	390 U
2-Chloronaphthalene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
2-Chlorophenol	µg/kg	800	390 U	390 U	390 U	380 U	390 U	390 U
2-Methyl naphthalene	µg/kg	36400	390 U	390 U	390 U	380 U	390 U	390 U
2-Methylphenol	µg/kg	100 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
2-Nitroaniline	µg/kg	430 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
2-Nitrophenol	µg/kg	330 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
3,3'-Dichlorobenzidine	µg/kg	50000	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
3-Nitroaniline	µg/kg	500 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4-Bromophenyl phenyl ether	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
4-Chloroaniline	µg/kg	220 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
4-Chlorophenyl phenyl ether	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
4-Methylphenol	µg/kg	900	390 U	390 U	390 U	380 U	390 U	390 U
4-Nitroaniline	µg/kg	50000	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4-Nitrophenol	µg/kg	100 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Acenaphthene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Acenaphthylene	µg/kg	41000	390 U	390 U	390 U	380 U	390 U	390 U
Anthracene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(a)anthracene	µg/kg	224 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(a)pyrene	µg/kg	61 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(b)fluoranthene	µg/kg	1100	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(g,h,i)perylene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(k)fluoranthene	µg/kg	1100	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Chloroethoxy)methane	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Chloroethyl)ether	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Butyl benzylphthalate	µg/kg	50000	390 U	68 J	390 U	380 U	390 U	390 U
Carbazole	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Chrysene	µg/kg	400	390 U	390 U	390 U	380 U	390 U	390 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
Dibenzofuran	µg/kg	6200	390 U	390 U	390 U	380 U	390 U	390 U
Diethyl phthalate	µg/kg	7100	390 U	390 U	390 U	380 U	390 U	390 U
Dimethyl phthalate	µg/kg	2000	390 U	390 U	390 U	380 U	390 U	390 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
Sample ID:		*TAGM 4046*	*S-18631-100201-MEJ-016*	*S-18631-100201-MEJ-015*	*S-18631-100201-MEJ-014*	*S-18631-100201-MEJ-013*	*S-18631-100201-MEJ-017*	*S-18631-100201-MEJ-018*
Sample Date:		*Recommended Soil*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
		Cleanup Objective	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*	*0-6 ft*
Parameter	*Unit*							
Di-n-butylphthalate	µg/kg	8100	390 U	390 U	390 U	380 U	390 U	390 U
Di-n-octyl phthalate	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Fluoranthene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Fluorene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorobenzene	µg/kg	410	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorobutadiene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorocyclopentadiene	µg/kg	50000	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Hexachloroethane	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	390 U	390 U	390 U	380 U	390 U	390 U
Isophorone	µg/kg	4400	390 U	390 U	390 U	380 U	390 U	390 U
Naphthalene	µg/kg	13000	390 U	390 U	390 U	380 U	390 U	390 U
Nitrobenzene	µg/kg	200 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
N-Nitrosodi-n-propylamine	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
N-Nitrosodiphenylamine	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Pentachlorophenol	µg/kg	1000 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Phenanthrene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Phenol	µg/kg	30 or MDL	390 U	390 U	390 U	380 U	390 U	390 U
Pyrene	µg/kg	50000	390 U	390 U	390 U	380 U	390 U	390 U
Total SVOCs	µg/kg	50000	1900 U	68 J	1900 U	1900 U	1900 U	1900 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	15 J	30	9.2 J	17 U	6.3 J	20 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	39 U	39 U	39 U	38 U	39 U	39 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total Solids	%	-	84.3	83.7	84.8	85.8	84.9	85.6

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*	*U8-SB1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-019a*	*S-18631-100901-MEJ-019b*	*S-18631-100901-MEJ-020a*	*S-18631-100901-MEJ-020b*	*S-18631-092701-MEJ-011a*	*S-18631-092701-MEJ-011b*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*	*9/27/2001*
Parameter	*Unit*	*Cleanup Objective*	*4-8 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*	*58-60 ft*
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
1,1,2-Trichloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
1,1-Dichloroethane	µg/kg	200	5.6 U	5.3 U	5.4 U	6.2 U	5.3 UJ	5.9 UJ
1,1-Dichloroethene	µg/kg	400	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
1,2-Dichloroethane	µg/kg	100	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
1,2-Dichloropropane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
2-Butanone	µg/kg	300	22 UJ	21 UJ	21 UJ	25 UJ	21 UJ	24 UJ
2-Hexanone	µg/kg	-	22 U	21 U	21 U	25 U	21 UJ	24 UJ
4-Methyl-2-pentanone	µg/kg	-	22 U	21 U	21 U	25 U	21 UJ	24 UJ
Acetone	µg/kg	200	22 UJ	21 UJ	21 UJ	25 UJ	21 UJ	24 UJ
Benzene	µg/kg	60	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Bromodichloromethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Bromoform	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Bromomethane	µg/kg	-	R	R	R	R	R	R
Carbon disulfide	µg/kg	2700	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Carbon tetrachloride	µg/kg	600	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Chlorobenzene	µg/kg	1700	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Chloroethane	µg/kg	1900	11 U	11 U	11 U	12 U	11 U	12 U
Chloroform (Trichloromethane)	µg/kg	300	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Chloromethane	µg/kg	-	11 U	11 U	11 U	12 U	11 U	12 U
cis-1,2-Dichloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
cis-1,3-Dichloropropene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Dibromochloromethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Ethylbenzene	µg/kg	5500	15	2.3 J	5.4 U	6.2 U	5.3 U	5.9 U
Methylene chloride	µg/kg	100	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Styrene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Tetrachloroethene	µg/kg	1400	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	1.7 J
Toluene	µg/kg	1500	2.6 J	2.7 J	1.7 J	1.7 J	2.2 J	1.3 J
trans-1,2-Dichloroethene	µg/kg	300	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
trans-1,3-Dichloropropene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Trichloroethene	µg/kg	700	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U	5.9 U
Vinyl chloride	µg/kg	200	11 U	11 U	11 U	12 U	11 U	12 U
Xylene (total)	µg/kg	1200	100	14 J	16 U	19 U	16 U	18 U
Total VOCs	µg/kg	10000	117.6	19 J	1.7 J	1.7 J	2.2 J	3
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	370 U	690 U	350 U	410 U	350 U	390 U
1,2-Dichlorobenzene	µg/kg	7900	370 U	690 U	350 U	410 U	350 U	390 U
1,3-Dichlorobenzene	µg/kg	1600	370 U	690 U	350 U	410 U	350 U	390 U
1,4-Dichlorobenzene	µg/kg	8500	370 U	690 U	350 U	410 U	350 U	390 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*	*U8-SB1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-019a*	*S-18631-100901-MEJ-019b*	*S-18631-100901-MEJ-020a*	*S-18631-100901-MEJ-020b*	*S-18631-092701-MEJ-011a*	*S-18631-092701-MEJ-011b*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*	*9/27/2001*
		Cleanup Objective	*4-8 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*	*58-60 ft*
Parameter	*Unit*							
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	370 U	690 U	350 U	410 U	350 UJ	390 UJ
2,4,5-Trichlorophenol	µg/kg	100	370 U	690 U	350 U	410 U	350 U	390 U
2,4,6-Trichlorophenol	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
2,4-Dichlorophenol	µg/kg	400	370 U	690 U	350 U	410 U	350 U	390 U
2,4-Dimethylphenol	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
2,4-Dinitrotoluene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
2,6-Dinitrotoluene	µg/kg	1	370 U	690 U	350 U	410 U	350 U	390 U
2-Chloronaphthalene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
2-Chlorophenol	µg/kg	800	370 U	690 U	350 U	410 U	350 U	390 U
2-Methyl naphthalene	µg/kg	36400	370 U	690 U	350 U	410 U	350 U	41 J
2-Methylphenol	µg/kg	100 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
2-Nitroaniline	µg/kg	430 or MDL	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
2-Nitrophenol	µg/kg	330 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
3,3'-Dichlorobenzidine	µg/kg	50000	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
3-Nitroaniline	µg/kg	500 or MDL	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
4-Bromophenyl phenyl ether	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
4-Chloroaniline	µg/kg	220 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
4-Chlorophenyl phenyl ether	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
4-Methylphenol	µg/kg	900	370 U	690 U	350 U	410 U	350 U	390 U
4-Nitroaniline	µg/kg	50000	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
4-Nitrophenol	µg/kg	100 or MDL	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
Acenaphthene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	100 J
Acenaphthylene	µg/kg	41000	370 U	690 U	350 U	410 U	350 U	390 U
Anthracene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	210 J
Benzo(a)anthracene	µg/kg	224 or MDL	58 J	690 U	350 U	410 U	350 U	320 J[a]
Benzo(a)pyrene	µg/kg	61 or MDL	370 U	690 U	350 U	410 U	350 U	270 J[a]
Benzo(b)fluoranthene	µg/kg	1100	41 J	690 U	350 U	410 U	350 U	200 J
Benzo(g,h,i)perylene	µg/kg	50000	42 J	690 U	350 U	410 U	350 U	180 J
Benzo(k)fluoranthene	µg/kg	1100	45 J	690 U	350 U	410 U	350 U	240 J
bis(2-Chloroethoxy)methane	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
bis(2-Chloroethyl)ether	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	95 J	140 J	350 U	57 J	170 J	1000
Butyl benzylphthalate	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
Carbazole	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	120 J
Chrysene	µg/kg	400	66 J	690 U	350 U	410 U	350 U	310 J
Dibenz(a,h)anthracene	µg/kg	14 or MDL	370 U	690 U	350 U	410 U	350 U	50 J[a]
Dibenzofuran	µg/kg	6200	370 U	690 U	350 U	410 U	350 U	64 J
Diethyl phthalate	µg/kg	7100	370 U	690 U	350 U	410 U	350 U	390 U
Dimethyl phthalate	µg/kg	2000	370 U	690 U	350 U	410 U	350 U	390 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*	*U8-SB1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-019a*	*S-18631-100901-MEJ-019b*	*S-18631-100901-MEJ-020a*	*S-18631-100901-MEJ-020b*	*S-18631-092701-MEJ-011a*	*S-18631-092701-MEJ-011b*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*	*9/27/2001*
		Cleanup Objective	*4-8 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*	*58-60 ft*
Parameter	*Unit*							
Di-n-butylphthalate	µg/kg	8100	150 J	690 U	350 U	410 U	350 U	390 U
Di-n-octyl phthalate	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
Fluoranthene	µg/kg	50000	160 J	690 U	350 U	410 U	350 U	760
Fluorene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	110 J
Hexachlorobenzene	µg/kg	410	370 U	690 U	350 U	410 U	350 U	390 U
Hexachlorobutadiene	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
Hexachlorocyclopentadiene	µg/kg	50000	1800 U	3400 U	1700 U	2000 U	1700 UJ	1900 UJ
Hexachloroethane	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	41 J	690 U	350 U	410 U	350 U	200 J
Isophorone	µg/kg	4400	370 U	690 U	350 U	410 U	350 U	390 U
Naphthalene	µg/kg	13000	370 U	690 U	350 U	410 U	350 U	89 J
Nitrobenzene	µg/kg	200 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
N-Nitrosodi-n-propylamine	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
N-Nitrosodiphenylamine	µg/kg	50000	370 U	690 U	350 U	410 U	350 U	390 U
Pentachlorophenol	µg/kg	1000 or MDL	1800 U	3400 U	1700 U	2000 U	1700 U	1900 U
Phenanthrene	µg/kg	50000	140 J	690 U	350 U	410 U	350 U	750
Phenol	µg/kg	30 or MDL	370 U	690 U	350 U	410 U	350 U	390 U
Pyrene	µg/kg	50000	120 J	690 U	350 U	410 U	350 U	580
Total SVOCs	µg/kg	50000	958 J	140 J	1700 U	57 U	170 J	5594
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	20	25 J	5.7 J	21 U	5.4 J	290 J
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	37 U	35 U	35 U	41 U	35 U	39 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U
Total Solids	%	-	89.5	95.2	93.3	80.8	94.0	85.0

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*	*U8-SB4*	*U8-SB4*
Sample ID:		*TAGM 4046*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*	*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*
Sample Date:		*Recommended Soil*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/28/2001*	*10/1/2001*
		Cleanup Objective	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*	*22-24 ft*	*50-52 ft*
Parameter	*Unit*							
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
1,1-Dichloroethane	µg/kg	200	5.2 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.4 UJ	6.2 UJ
1,1-Dichloroethene	µg/kg	400	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
2-Butanone	µg/kg	300	21 UJ	21 UJ	21 UJ	21 UJ	22 UJ	25 UJ
2-Hexanone	µg/kg	-	21 UJ	21 UJ	21 UJ	21 UJ	22 UJ	25 UJ
4-Methyl-2-pentanone	µg/kg	-	21 UJ	21 UJ	21 UJ	21 UJ	22 UJ	25 UJ
Acetone	µg/kg	200	21 UJ	21 UJ	21 UJ	21 UJ	22 UJ	13 J
Benzene	µg/kg	60	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Bromomethane	µg/kg	-	R	R	R	R	R	R
Carbon disulfide	µg/kg	2700	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Chlorobenzene	µg/kg	1700	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Chloroethane	µg/kg	1900	10 U	11 U	11 U	10 U	11 U	12 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Chloromethane	µg/kg	-	10 U	11 U	11 U	10 U	11 U	12 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Ethylbenzene	µg/kg	5500	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Methylene chloride	µg/kg	100	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Styrene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Toluene	µg/kg	1500	1.2 J	5.3 U	5.3 U	1.2 J	5.4 U	6.2 U
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Trichloroethene	µg/kg	700	5.2 U	5.3 U	5.3 U	5.2 U	5.4 U	6.2 U
Vinyl chloride	µg/kg	200	10 U	11 U	11 U	10 U	11 U	12 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U	16 U	19 U
Total VOCs	µg/kg	10000	1.2 J	21 UJ	21 UJ	1.2 J	22 UJ	13 J
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	340 U	350 U	350 U	340 U	360 U	410 U
1,2-Dichlorobenzene	µg/kg	7900	340 U	350 U	350 U	340 U	360 U	410 U
1,3-Dichlorobenzene	µg/kg	1600	340 U	350 U	350 U	340 U	360 U	410 U
1,4-Dichlorobenzene	µg/kg	8500	340 U	350 U	350 U	340 U	360 U	410 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*	*U8-SB4*	*U8-SB4*
Sample ID:		*TAGM 4046*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*	*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*
Sample Date:		*Recommended Soil*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/28/2001*	*10/1/2001*
		Cleanup Objective	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*	*22-24 ft*	*50-52 ft*
Parameter	*Unit*							
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	340 UJ	350 UJ	350 UJ	340 UJ	360 UJ	410 U
2,4,5-Trichlorophenol	µg/kg	100	340 U	350 U	350 U	340 U	360 U	410 U
2,4,6-Trichlorophenol	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
2,4-Dichlorophenol	µg/kg	400	340 U	350 U	350 U	340 U	360 U	410 U
2,4-Dimethylphenol	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	2000 UJ
2,4-Dinitrotoluene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
2,6-Dinitrotoluene	µg/kg	1	340 U	350 U	350 U	340 U	360 U	410 U
2-Chloronaphthalene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
2-Chlorophenol	µg/kg	800	340 U	350 U	350 U	340 U	360 U	410 U
2-Methyl naphthalene	µg/kg	36400	340 U	350 U	350 U	340 U	360 U	410 U
2-Methylphenol	µg/kg	100 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
2-Nitrophenol	µg/kg	330 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
3,3'-Dichlorobenzidine	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
4-Bromophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
4-Chloroaniline	µg/kg	220 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
4-Chlorophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
4-Methylphenol	µg/kg	900	340 U	350 U	350 U	340 U	360 U	410 U
4-Nitroaniline	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
4-Nitrophenol	µg/kg	100 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
Acenaphthene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Acenaphthylene	µg/kg	41000	340 U	350 U	350 U	340 U	360 U	410 U
Anthracene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Benzo(a)anthracene	µg/kg	224 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
Benzo(a)pyrene	µg/kg	61 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
Benzo(b)fluoranthene	µg/kg	1100	340 U	350 U	350 U	340 U	360 U	410 U
Benzo(g,h,i)perylene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Benzo(k)fluoranthene	µg/kg	1100	340 U	350 U	350 U	340 U	360 U	410 U
bis(2-Chloroethoxy)methane	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
bis(2-Chloroethyl)ether	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	260 J	760	110 J	89 J	230 J	66 J
Butyl benzylphthalate	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Carbazole	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Chrysene	µg/kg	400	340 U	350 U	350 U	340 U	360 U	410 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
Dibenzofuran	µg/kg	6200	340 U	350 U	350 U	340 U	360 U	410 U
Diethyl phthalate	µg/kg	7100	340 U	350 U	350 U	340 U	360 U	410 U
Dimethyl phthalate	µg/kg	2000	340 U	350 U	350 U	340 U	360 U	410 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*	*U8-SB4*	*U8-SB4*
Sample ID:		*TAGM 4046*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*	*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*
Sample Date:		*Recommended Soil*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/28/2001*	*10/1/2001*
		Cleanup Objective	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*	*22-24 ft*	*50-52 ft*
Parameter	*Unit*							
Di-n-butylphthalate	µg/kg	8100	340 U	350 U	350 U	340 U	360 U	410 U
Di-n-octyl phthalate	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Fluoranthene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Fluorene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Hexachlorobenzene	µg/kg	410	340 U	350 U	350 U	340 U	360 U	410 U
Hexachlorobutadiene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Hexachlorocyclopentadiene	µg/kg	50000	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	2000 U
Hexachloroethane	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	340 U	350 U	350 U	340 U	360 U	410 U
Isophorone	µg/kg	4400	340 U	350 U	350 U	340 U	360 U	410 U
Naphthalene	µg/kg	13000	340 U	350 U	350 U	340 U	360 U	410 U
Nitrobenzene	µg/kg	200 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
N-Nitrosodi-n-propylamine	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
N-Nitrosodiphenylamine	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	2000 U
Phenanthrene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Phenol	µg/kg	30 or MDL	340 U	350 U	350 U	340 U	360 U	410 U
Pyrene	µg/kg	50000	340 U	350 U	350 U	340 U	360 U	410 U
Total SVOCs	µg/kg	50000	260	760	110 J	89 J	230 J	66 J
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	18 U	48	18 U	17 U	5.6 J	20 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	34 U	35 U	35 U	34 U	36 U	41 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.2 U
Total Solids	%	-	95.7	94.6	93.5	95.8	91.9	81.0

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB2*	*U18-SB2*
Sample ID:		*TAGM 4046*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*	*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*
Sample Date:		*Recommended Soil*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/24/2001*	*9/24/2001*
		Cleanup Objective	*2-4 ft*	*18-20 ft*	*2-4 ft*	*18-20 ft*	*2-4 ft*	*18-20 ft*
Parameter	*Unit*					*(Duplicate)*		
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	200	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethene	µg/kg	400	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	100	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
2-Butanone	µg/kg	300	21 U	21 U	21 U	21 U	21 U	21 U
2-Hexanone	µg/kg	-	21 U	21 U	21 UJ	21 UJ	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 UJ	21 UJ	21 U	21 U	21 U	21 U
Benzene	µg/kg	60	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	11 U	10 U	R	R	11 U	10 U
Carbon disulfide	µg/kg	2700	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	600	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	1700	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloroethane	µg/kg	1900	11 U	10 U	11 UJ	10 UJ	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	11 U	10 U	11 U	10 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	5500	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Methylene chloride	µg/kg	100	5.3 UJ	5.2 UJ	5.3 U	5.2 U	5.3 U	5.2 U
Styrene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	1400	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Toluene	µg/kg	1500	1.7 J	2.6 J	5.3 U	5.2 U	6.1 U	16
trans-1,2-Dichloroethene	µg/kg	300	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Trichloroethene	µg/kg	700	5.3 U	5.2 U	5.3 U	5.2 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	200	11 U	10 U	11 U	10 U	11 U	10 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	10000	1.7 J	2.6 J	21 UJ	21 UJ	21 U	16
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	350 U	340 U	350 U	340 U	350 U	350 U
1,2-Dichlorobenzene	µg/kg	7900	350 U	340 U	350 U	340 U	350 U	350 U
1,3-Dichlorobenzene	µg/kg	1600	350 U	340 U	350 U	340 U	350 U	350 U
1,4-Dichlorobenzene	µg/kg	8500	350 U	340 U	350 U	340 U	350 U	350 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB2*	*U18-SB2*
Sample ID:		*TAGM 4046*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*	*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*
Sample Date:		*Recommended Soil*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/24/2001*	*9/24/2001*
		Cleanup Objective	*2-4 ft*	*18-20 ft*	*2-4 ft*	*18-20 ft*	*2-4 ft*	*18-20 ft*
Parameter	*Unit*					*(Duplicate)*		
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
2,4,5-Trichlorophenol	µg/kg	100	350 U	340 U	350 U	340 U	350 U	350 U
2,4,6-Trichlorophenol	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
2,4-Dichlorophenol	µg/kg	400	350 U	340 U	350 U	340 U	350 U	350 U
2,4-Dimethylphenol	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
2,6-Dinitrotoluene	µg/kg	1	350 U	340 U	350 U	340 U	350 U	350 U
2-Chloronaphthalene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
2-Chlorophenol	µg/kg	800	350 U	340 U	350 U	340 U	350 U	350 U
2-Methyl naphthalene	µg/kg	36400	350 U	340 U	350 U	340 U	350 U	350 U
2-Methylphenol	µg/kg	100 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	330 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
3,3'-Dichlorobenzidine	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
4-Chloroaniline	µg/kg	220 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
4-Methylphenol	µg/kg	900	350 U	340 U	350 U	340 U	350 U	350 U
4-Nitroaniline	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	100 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Acenaphthylene	µg/kg	41000	350 U	340 U	350 U	340 U	350 U	350 U
Anthracene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Benzo(a)anthracene	µg/kg	224 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
Benzo(a)pyrene	µg/kg	61 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
Benzo(b)fluoranthene	µg/kg	1100	350 U	340 U	350 U	340 U	350 U	350 U
Benzo(g,h,i)perylene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Benzo(k)fluoranthene	µg/kg	1100	350 U	340 U	350 U	340 U	350 U	350 U
bis(2-Chloroethoxy)methane	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
bis(2-Chloroethyl)ether	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	210 J	64 J	91 J	78 J	55 J	250 J
Butyl benzylphthalate	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Carbazole	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Chrysene	µg/kg	400	350 U	340 U	350 U	340 U	350 U	350 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
Dibenzofuran	µg/kg	6200	350 U	340 U	350 U	340 U	350 U	350 U
Diethyl phthalate	µg/kg	7100	350 U	340 U	350 U	340 U	350 U	350 U
Dimethyl phthalate	µg/kg	2000	350 U	340 U	350 U	340 U	350 U	350 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB1*	*U18-SB2*	*U18-SB2*
Sample ID:		*TAGM 4046*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*	*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*
Sample Date:		*Recommended Soil*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*	*9/24/2001*	*9/24/2001*
Parameter	*Unit*	*Cleanup Objective*	*2-4 ft*	*18-20 ft*	*2-4 ft*	*18-20 ft (Duplicate)*	*2-4 ft*	*18-20 ft*
Di-n-butylphthalate	µg/kg	8100	350 U	340 U	350 U	340 U	350 U	350 U
Di-n-octyl phthalate	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Fluoranthene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Fluorene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Hexachlorobenzene	µg/kg	410	350 U	340 U	350 U	340 U	350 U	350 U
Hexachlorobutadiene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Hexachlorocyclopentadiene	µg/kg	50000	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 U	1700 U
Hexachloroethane	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	350 U	340 U	350 U	340 U	350 U	350 U
Isophorone	µg/kg	4400	350 U	340 U	350 U	340 U	350 U	350 U
Naphthalene	µg/kg	13000	350 U	340 U	350 U	340 U	350 U	350 U
Nitrobenzene	µg/kg	200 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
N-Nitrosodiphenylamine	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Phenol	µg/kg	30 or MDL	350 U	340 U	350 U	340 U	350 U	350 U
Pyrene	µg/kg	50000	350 U	340 U	350 U	340 U	350 U	350 U
Total SVOCs	µg/kg	50000	210 J	64 J	91 J	78 J	55 J	250 J
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	18 U	18 U	17 U	17 U	19 U	18 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	35 U	34 U	35 U	34 U	35 U	35 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U
Total Solids	%	-	95.0	95.9	95.0	95.7	94.8	95.6

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB3*	*U18-SB3*	*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*	*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*
Sample Date:		*Recommended Soil*	*9/24/2001*	*9/24/2001*	*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*
		Cleanup Objective	*18-20 ft*	*40-42 ft*	*4-6 ft*	*22-24 ft*	*2-4 ft*	*18-20 ft*
Parameter	*Unit*							
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethane	µg/kg	200	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethene	µg/kg	400	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
2-Butanone	µg/kg	300	3.2 J	21 U	21 U	21 U	21 U	21 U
2-Hexanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 U	21 U	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	60	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Bromodichloromethane	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Bromoform	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Bromomethane	µg/kg	-	10 U	10 U	11 U	11 U	10 U	11 U
Carbon disulfide	µg/kg	2700	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Chlorobenzene	µg/kg	1700	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Chloroethane	µg/kg	1900	10 U	10 U	11 U	11 U	10 U	11 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Chloromethane	µg/kg	-	10 U	10 U	11 U	11 U	10 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Dibromochloromethane	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Ethylbenzene	µg/kg	5500	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Methylene chloride	µg/kg	100	5.2 U	5.2 U	5.3 UJ	5.3 UJ	5.2 UJ	5.3 UJ
Styrene	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Toluene	µg/kg	1500	32	34	3.4 J	3.9 J	5.2 U	1.2 J
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Trichloroethene	µg/kg	700	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U
Vinyl chloride	µg/kg	200	10 U	10 U	11 U	11 U	10 U	11 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	10000	35.2	34	3.4 J	3.9 J	21 U	1.2 J
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	340 U	350 U	350 U	350 U	340 U	350 U
1,2-Dichlorobenzene	µg/kg	7900	340 U	350 U	350 U	350 U	340 U	350 U
1,3-Dichlorobenzene	µg/kg	1600	340 U	350 U	350 U	350 U	340 U	350 U
1,4-Dichlorobenzene	µg/kg	8500	340 U	350 U	350 U	350 U	340 U	350 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB3*	*U18-SB3*	*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*	*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*
Sample Date:		*Recommended Soil*	*9/24/2001*	*9/24/2001*	*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*
		Cleanup Objective	*18-20 ft*	*40-42 ft*	*4-6 ft*	*22-24 ft*	*2-4 ft*	*18-20 ft*
Parameter	*Unit*							
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
2,4,5-Trichlorophenol	µg/kg	100	340 U	350 U	350 U	350 U	340 U	350 U
2,4,6-Trichlorophenol	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
2,4-Dichlorophenol	µg/kg	400	340 U	350 U	350 U	350 U	340 U	350 U
2,4-Dimethylphenol	µg/kg	50000	340 U	350 U	5600	240 J	340 U	350 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
2,6-Dinitrotoluene	µg/kg	1	340 U	350 U	350 U	350 U	340 U	350 U
2-Chloronaphthalene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
2-Chlorophenol	µg/kg	800	340 U	350 U	350 U	350 U	340 U	350 U
2-Methyl naphthalene	µg/kg	36400	340 U	350 U	350 U	350 U	340 U	350 U
2-Methylphenol	µg/kg	100 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	330 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
3,3'-Dichlorobenzidine	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
4-Chloroaniline	µg/kg	220 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
4-Methylphenol	µg/kg	900	340 U	350 U	350 U	350 U	340 U	350 U
4-Nitroaniline	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	100 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Acenaphthylene	µg/kg	41000	340 U	350 U	350 U	350 U	340 U	350 U
Anthracene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Benzo(a)anthracene	µg/kg	224 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
Benzo(a)pyrene	µg/kg	61 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
Benzo(b)fluoranthene	µg/kg	1100	340 U	350 U	350 U	350 U	340 U	350 U
Benzo(g,h,i)perylene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Benzo(k)fluoranthene	µg/kg	1100	340 U	350 U	350 U	350 U	340 U	350 U
bis(2-Chloroethoxy)methane	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
bis(2-Chloroethyl)ether	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	880	75 J	160 J	180 J	340 U	39 J
Butyl benzylphthalate	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Carbazole	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Chrysene	µg/kg	400	340 U	350 U	350 U	350 U	340 U	350 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
Dibenzofuran	µg/kg	6200	340 U	350 U	350 U	350 U	340 U	350 U
Diethyl phthalate	µg/kg	7100	340 U	350 U	350 U	350 U	340 U	350 U
Dimethyl phthalate	µg/kg	2000	340 U	350 U	350 U	350 U	340 U	350 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U18-SB3*	*U18-SB3*	*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*	*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*
Sample Date:		*Recommended Soil*	*9/24/2001*	*9/24/2001*	*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*
		Cleanup Objective	*18-20 ft*	*40-42 ft*	*4-6 ft*	*22-24 ft*	*2-4 ft*	*18-20 ft*
Parameter	*Unit*							
Di-n-butylphthalate	µg/kg	8100	340 U	350 U	350 U	350 U	340 U	350 U
Di-n-octyl phthalate	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Fluoranthene	µg/kg	50000	340 U	350 U	350 U	350 U	49 J	350 U
Fluorene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Hexachlorobenzene	µg/kg	410	340 U	350 U	350 U	350 U	340 U	350 U
Hexachlorobutadiene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Hexachlorocyclopentadiene	µg/kg	50000	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 U	1700 U
Hexachloroethane	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	340 U	350 U	350 U	350 U	340 U	350 U
Isophorone	µg/kg	4400	340 U	350 U	350 U	350 U	340 U	350 U
Naphthalene	µg/kg	13000	340 U	350 U	350 U	350 U	340 U	350 U
Nitrobenzene	µg/kg	200 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
N-Nitrosodiphenylamine	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	340 U	350 U	350 U	350 U	340 U	350 U
Phenol	µg/kg	30 or MDL	340 U	350 U	350 U	350 U	340 U	350 U
Pyrene	µg/kg	50000	340 U	350 U	350 U	350 U	41 J	350 U
Total SVOCs	µg/kg	50000	880	75 J	5760	420	90 J	39 J
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	20 U	21 U	57	4.4 J	17 U	17 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	34 U	35 U	35 U	35 U	34 U	35 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U
Total Solids	%	-	96.1	95.4	95.0	95.1	96.0	93.9

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U19-SB2*	*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092601-MEJ-006a*	*S-18631-092601-MEJ-006b*	*S-18631-092601-MEJ-008a*	*S-18631-092601-MEJ-008b*	*S-18631-100901-MEJ-021a*	*S-18631-100901-MEJ-021b*
Sample Date:		*Recommended Soil*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
		Cleanup Objective	*20-22 ft*	*28-30 ft*	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*							
Volatiles								
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	200	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethene	µg/kg	400	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
2-Butanone	µg/kg	300	21 U	21 U	21 U	21 U	21 UJ	21 UJ
2-Hexanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	60	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	10 U	11 U	11 U	10 U	R	R
Carbon disulfide	µg/kg	2700	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	1700	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloroethane	µg/kg	1900	10 U	11 U	11 U	10 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	10 U	11 U	11 U	10 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	5500	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Methylene chloride	µg/kg	100	5.2 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.3 U	5.2 U
Styrene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Toluene	µg/kg	1500	5.2 U	1.3 J	5.3 U	2.8 J	2.6 J	2.6 J
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Trichloroethene	µg/kg	700	5.2 U	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	200	10 U	11 U	11 U	10 U	11 U	10 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	10000	21 U	1.3 J	21 U	2.8 J	2.6 J	2.6 J
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	3400	340 U	350 U	350 U	350 U	350 U	340 U
1,2-Dichlorobenzene	µg/kg	7900	340 U	350 U	350 U	350 U	350 U	340 U
1,3-Dichlorobenzene	µg/kg	1600	340 U	350 U	350 U	350 U	350 U	340 U
1,4-Dichlorobenzene	µg/kg	8500	340 U	350 U	350 U	350 U	350 U	340 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U19-SB2*	*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092601-MEJ-006a*	*S-18631-092601-MEJ-006b*	*S-18631-092601-MEJ-008a*	*S-18631-092601-MEJ-008b*	*S-18631-100901-MEJ-021a*	*S-18631-100901-MEJ-021b*
Sample Date:		*Recommended Soil*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
		Cleanup Objective	*20-22 ft*	*28-30 ft*	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*							
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
2,4,5-Trichlorophenol	µg/kg	100	340 U	350 U	350 U	350 U	350 U	340 U
2,4,6-Trichlorophenol	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
2,4-Dichlorophenol	µg/kg	400	340 U	350 U	350 U	350 U	350 U	340 U
2,4-Dimethylphenol	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 UJ	1700 UJ	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
2,6-Dinitrotoluene	µg/kg	1	340 U	350 U	350 U	350 U	350 U	340 U
2-Chloronaphthalene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
2-Chlorophenol	µg/kg	800	340 U	350 U	350 U	350 U	350 U	340 U
2-Methyl naphthalene	µg/kg	36400	340 U	350 U	350 U	350 U	350 U	340 U
2-Methylphenol	µg/kg	100 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	330 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
3,3'-Dichlorobenzidine	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
4-Chloroaniline	µg/kg	220 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
4-Methylphenol	µg/kg	900	340 U	350 U	350 U	350 U	350 U	340 U
4-Nitroaniline	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	100 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Acenaphthylene	µg/kg	41000	340 U	350 U	350 U	350 U	350 U	340 U
Anthracene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Benzo(a)anthracene	µg/kg	224 or MDL	340 U	350 U	350 U	350 U	170 J	340 U
Benzo(a)pyrene	µg/kg	61 or MDL	340 U	350 U	350 U	350 U	200 J[a]	340 U
Benzo(b)fluoranthene	µg/kg	1100	340 U	350 U	350 U	350 U	190 J	340 U
Benzo(g,h,i)perylene	µg/kg	50000	340 U	350 U	350 U	350 U	210 J	340 U
Benzo(k)fluoranthene	µg/kg	1100	340 U	350 U	350 U	350 U	220 J	340 U
bis(2-Chloroethoxy)methane	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
bis(2-Chloroethyl)ether	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	55 J
Butyl benzylphthalate	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Carbazole	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Chrysene	µg/kg	400	340 U	350 U	350 U	350 U	230 J	340 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	340 U	350 U	350 U	350 U	44 J[a]	340 U
Dibenzofuran	µg/kg	6200	340 U	350 U	350 U	350 U	350 U	340 U
Diethyl phthalate	µg/kg	7100	340 U	350 U	350 U	350 U	350 U	340 U
Dimethyl phthalate	µg/kg	2000	340 U	350 U	350 U	350 U	350 U	340 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U19-SB2*	*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
Sample ID:		*TAGM 4046*	*S-18631-092601-MEJ-006a*	*S-18631-092601-MEJ-006b*	*S-18631-092601-MEJ-008a*	*S-18631-092601-MEJ-008b*	*S-18631-100901-MEJ-021a*	*S-18631-100901-MEJ-021b*
Sample Date:		*Recommended Soil*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
		Cleanup Objective	*20-22 ft*	*28-30 ft*	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*							
Di-n-butylphthalate	µg/kg	8100	340 U	350 U	350 U	350 U	350 U	340 U
Di-n-octyl phthalate	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Fluoranthene	µg/kg	50000	340 U	350 U	350 U	350 U	470	340 U
Fluorene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Hexachlorobenzene	µg/kg	410	340 U	350 U	350 U	350 U	350 U	340 U
Hexachlorobutadiene	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Hexachlorocyclopentadiene	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	340 U	350 U	350 U	350 U	210 J	340 U
Isophorone	µg/kg	4400	340 U	350 U	350 U	350 U	350 U	340 U
Naphthalene	µg/kg	13000	340 U	350 U	350 U	350 U	350 U	340 U
Nitrobenzene	µg/kg	200 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
N-Nitrosodiphenylamine	µg/kg	50000	340 U	350 U	350 U	350 U	350 U	340 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	340 U	350 U	350 U	350 U	250 J	340 U
Phenol	µg/kg	30 or MDL	340 U	350 U	350 U	350 U	350 U	340 U
Pyrene	µg/kg	50000	340 U	350 U	350 U	350 U	420	340 U
Total SVOCs	µg/kg	50000	1700 U	1700 U	1700 U	1700 U	2614	55 J
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/kg	-	17 U	18 U	17 U	17 U	6.7 J	21 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	34 U	35 U	35 U	35 U	35 U	34 U
General Chemistry								
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U
Total Solids	%	-	96.2	94.4	94.4	95.5	94.7	95.8

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-022a*	*S-18631-100901-MEJ-022b*	*S-18631-100901-MEJ-023a*	*S-18631-100901-MEJ-023b*	*S-18631-101201-MEJ-024*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
		Cleanup Objective	*0-4 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*						
Volatiles							
1,1,1-Trichloroethane	µg/kg	800	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1-Dichloroethane	µg/kg	200	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1-Dichloroethene	µg/kg	400	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,2-Dichloroethane	µg/kg	100	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
2-Butanone	µg/kg	300	21 UJ	20 UJ	22 UJ	21 UJ	100 UJ
2-Hexanone	µg/kg	-	21 U	20 U	22 U	21 U	100 UJ
4-Methyl-2-pentanone	µg/kg	-	21 U	20 U	22 U	21 U	100 UJ
Acetone	µg/kg	200	21 UJ	20 UJ	22 UJ	21 UJ	100 U
Benzene	µg/kg	60	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Bromodichloromethane	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Bromoform	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Bromomethane	µg/kg	-	R	R	R	R	R
Carbon disulfide	µg/kg	2700	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Carbon tetrachloride	µg/kg	600	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Chlorobenzene	µg/kg	1700	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Chloroethane	µg/kg	1900	11 U	10 U	11 U	10 U	51 U
Chloroform (Trichloromethane)	µg/kg	300	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Chloromethane	µg/kg	-	11 U	10 U	11 U	10 U	51 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Dibromochloromethane	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Ethylbenzene	µg/kg	5500	5.3 U	5.1 U	5.4 U	5.2 U	210
Methylene chloride	µg/kg	100	5.3 U	5.1 U	5.4 U	5.2 U	26 UJ
Styrene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Tetrachloroethene	µg/kg	1400	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Toluene	µg/kg	1500	2.8 J	3.1 J	3.0 J	2.6 J	18 J
trans-1,2-Dichloroethene	µg/kg	300	5.3 U	5.1 U	5.4 U	5.2 U	26 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Trichloroethene	µg/kg	700	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Vinyl chloride	µg/kg	200	11 U	10 U	11 U	10 U	51 U
Xylene (total)	µg/kg	1200	16 U	15 U	16 U	16 U	14000[a]
Total VOCs	µg/kg	10000	2.8 J	3.1 J	3.0 J	2.6 J	14228
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	3400	350 U	340 U	360 U	340 U	340 U
1,2-Dichlorobenzene	µg/kg	7900	350 U	340 U	360 U	340 U	340 U
1,3-Dichlorobenzene	µg/kg	1600	350 U	340 U	360 U	340 U	340 U
1,4-Dichlorobenzene	µg/kg	8500	350 U	340 U	360 U	340 U	340 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-022a*	*S-18631-100901-MEJ-022b*	*S-18631-100901-MEJ-023a*	*S-18631-100901-MEJ-023b*	*S-18631-101201-MEJ-024*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
		Cleanup Objective	*0-4 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*						
2,2'-oxybis(1-Chloropropane)	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
2,4,5-Trichlorophenol	µg/kg	100	350 U	340 U	360 U	340 U	340 U
2,4,6-Trichlorophenol	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
2,4-Dichlorophenol	µg/kg	400	350 U	340 U	360 U	340 U	340 U
2,4-Dimethylphenol	µg/kg	50000	350 U	340 U	360 U	340 U	1000
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 U	1600 U	1700 U	1700 U	1600 U
2,4-Dinitrotoluene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
2,6-Dinitrotoluene	µg/kg	1	350 U	340 U	360 U	340 U	340 U
2-Chloronaphthalene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
2-Chlorophenol	µg/kg	800	350 U	340 U	360 U	340 U	340 U
2-Methyl naphthalene	µg/kg	36400	350 U	340 U	360 U	340 U	340 U
2-Methylphenol	µg/kg	100 or MDL	350 U	340 U	360 U	340 U	340 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1600 U	1700 U	1700 U	1600 U
2-Nitrophenol	µg/kg	330 or MDL	350 U	340 U	360 U	340 U	340 U
3,3'-Dichlorobenzidine	µg/kg	50000	1700 U	1600 U	1700 U	1700 U	1600 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1600 U	1700 U	1700 U	1600 U
4,6-Dinitro-2-methylphenol	µg/kg	50000	1700 U	1600 U	1700 U	1700 U	1600 U
4-Bromophenyl phenyl ether	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	350 U	340 U	360 U	340 U	340 U
4-Chloroaniline	µg/kg	220 or MDL	350 U	340 U	360 U	340 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
4-Methylphenol	µg/kg	900	350 U	340 U	360 U	340 U	340 U
4-Nitroaniline	µg/kg	50000	1700 U	1600 U	1700 U	1700 U	1600 U
4-Nitrophenol	µg/kg	100 or MDL	1700 UJ	1600 UJ	1700 UJ	1700 UJ	1600 U
Acenaphthene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Acenaphthylene	µg/kg	41000	350 U	340 U	360 U	340 U	340 U
Anthracene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Benzo(a)anthracene	µg/kg	224 or MDL	39 J	340 U	360 U	340 U	340 U
Benzo(a)pyrene	µg/kg	61 or MDL	56 J	340 U	360 U	340 U	340 U
Benzo(b)fluoranthene	µg/kg	1100	55 J	340 U	360 U	340 U	340 U
Benzo(g,h,i)perylene	µg/kg	50000	62 J	340 U	360 U	340 U	340 U
Benzo(k)fluoranthene	µg/kg	1100	58 J	340 U	360 U	340 U	340 U
bis(2-Chloroethoxy)methane	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
bis(2-Chloroethyl)ether	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	350 U	40 J	360 U	340 U	340 U
Butyl benzylphthalate	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Carbazole	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Chrysene	µg/kg	400	60 J	340 U	360 U	340 U	340 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	350 U	340 U	360 U	340 U	340 U
Dibenzofuran	µg/kg	6200	350 U	340 U	360 U	340 U	340 U
Diethyl phthalate	µg/kg	7100	350 U	340 U	360 U	340 U	340 U
Dimethyl phthalate	µg/kg	2000	350 U	340 U	360 U	340 U	340 U

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*NYSDEC*	*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
Sample ID:		*TAGM 4046*	*S-18631-100901-MEJ-022a*	*S-18631-100901-MEJ-022b*	*S-18631-100901-MEJ-023a*	*S-18631-100901-MEJ-023b*	*S-18631-101201-MEJ-024*
Sample Date:		*Recommended Soil*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
		Cleanup Objective	*0-4 ft*	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*						
Di-n-butylphthalate	µg/kg	8100	350 U	340 U	360 U	340 U	340 U
Di-n-octyl phthalate	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Fluoranthene	µg/kg	50000	100 J	340 U	360 U	340 U	340 U
Fluorene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Hexachlorobenzene	µg/kg	410	350 U	340 U	360 U	340 U	340 U
Hexachlorobutadiene	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Hexachlorocyclopentadiene	µg/kg	50000	1700 U	1600 U	1700 U	1700 U	1600 U
Hexachloroethane	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	58 J	340 U	360 U	340 U	340 U
Isophorone	µg/kg	4400	350 U	340 U	360 U	340 U	340 U
Naphthalene	µg/kg	13000	350 U	340 U	360 U	340 U	380
Nitrobenzene	µg/kg	200 or MDL	350 U	340 U	360 U	340 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
N-Nitrosodiphenylamine	µg/kg	50000	350 U	340 U	360 U	340 U	340 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1600 U	1700 U	1700 U	1600 U
Phenanthrene	µg/kg	50000	43 J	340 U	360 U	340 U	340 U
Phenol	µg/kg	30 or MDL	86 J*	340 U	360 U	340 U	340 U
Pyrene	µg/kg	50000	93 J	340 U	360 U	340 U	340 U
Total SVOCs	µg/kg	50000	710 J	40 J	1700 U	1700 U	1380
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	21 U	20 U	4.2 J	4.4 J	260
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	35 U	34 U	36 U	34 U	34 U
General Chemistry							
Phenolics (Total)	mg/kg	-	1.1 U	1.0 U	2.0	1.0 U	1.0 U
Total Solids	%	-	95.1	98.0	92.7	96.3	97.1

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.
[ ] - NYSDEC Class GA exceedance.

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*
Sample Date:		*Class GA*	*10/17/01*	*10/17/01*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*
		Groundwater		*Duplicate*				
Parameter	*Unit*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2-Dichloropropane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-
2-Butanone	µg/L	50	5.0 U	5.0 U	5 U	5.0 U	5 U	5.0 UJ
2-Hexanone	µg/L	50	5.0 U	5.0 U	5 UJ	5.0 U	5 UJ	5.0 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5.0 U	5 U	5.0 U	5 U	5.0 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromodichloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromoform	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromomethane	µg/L	5	1.0 U	1.0 U	2 U	1.0 U	2 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 UJ	1.0 U	1 U	1.0 UJ	1 U	1.0 U
Chlorobenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Chloroethane	µg/L	5	2.0 UJ	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Chloromethane	µg/L	-	2.0 U	2.0 U	2 UJ	2.0 U	2 UJ	2.0 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Dibromochloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Ethylbenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2.0 U	2 U	2.0 U	2 U	2.0 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Toluene	µg/L	5	1.0 U	1.0 U	0.29 J	1.0 U	1 U	1.0 U
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-1 GW-18631-RW-007 10/17/01*	*GT-1 GW-18631-RW-008 10/17/01 Duplicate*	*GT-1 GW-18631-RW-11 04/03/02*	*GT-2R GW-18631-RW-006 10/16/01*	*GT-2R GW-18631-RW-12 04/03/02*	*GT-3 GW-18631-RW-011 10/17/01*
Trichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Vinyl chloride	µg/L	2	2.0 U	2.0 U	2 U	2.0 U	2 U	2.0 U
Xylene (total)	µg/L	5 (b)	3.0 U	3.0 U	3 U	3.0 U	3 U	3.0 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	50 UJ	50 U
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	R	50 U	R	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	50 UJ	50 U
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-1 GW-18631-RW-007 10/17/01*	*GT-1 GW-18631-RW-008 10/17/01 Duplicate*	*GT-1 GW-18631-RW-11 04/03/02*	*GT-2R GW-18631-RW-006 10/16/01*	*GT-2R GW-18631-RW-12 04/03/02*	*GT-3 GW-18631-RW-011 10/17/01*
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	0.48 U	0.50 U	0.48 U	0.50 U
Metals								
Aluminum	µg/L	-	81.1 U	66.9 U	200 U	7150	82.2	2350
Antimony	µg/L	3	4.1 U	4.1 U	60 U	4.1 U	60 U	4.1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*10/17/01 Duplicate*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*
Parameter	*Unit*	*Criteria*						
Arsenic	µg/L	25	2.0 U	2.0 U	10 U	3.4	10 U	2.0 U
Barium	µg/L	1000	28.2	28.8	54	114	132	44.8
Beryllium	µg/L	3	0.077 U	0.077 U	5 U	0.39 U	5 U	0.080 U
Cadmium	µg/L	5	0.63 U	0.63 U	5 U	0.63 U	5 U	0.94
Calcium	µg/L	-	72600 J	74400 J	104000	132000 J	186000	113000 J
Chromium	µg/L	50	1.7	2.1	10 U	12.7	1.6	5.5
Cobalt	µg/L	-	2.6 U	2.6 U	50 U	6.6	50 U	2.6 U
Copper	µg/L	200	3.4 U	2.5 U	25 U	19.4	1.5	10.2
Iron	µg/L	300	111	113	100 U	**12500[a]**	99.1	**3380[a]**
Lead	µg/L	25	1.8 U	2.9	3 U	6.8	3 U	1.8 U
Magnesium	µg/L	35000	7340	7480	8970	16800	19900	11700
Manganese	µg/L	300	3.9	3.9	15 U	**481[a]**	26.4	89.2
Mercury	µg/L	0.7	0.088 U	0.054 U	0.2 U	0.054 U	0.2 U	0.068 U
Nickel	µg/L	100	7.9 U	7.9 U	40 U	14.4	3.8	9.7
Potassium	µg/L	-	795 U	519 U	767	6930	2230	1760 U
Selenium	µg/L	10	3.2 U	3.2 U	5 U	3.2 U	5 U	3.2 U
Silver	µg/L	50	0.75 U	0.75 U	10 U	0.75 U	10 U	0.75 U
Sodium	µg/L	20000	**100000[a]**	**105000[a]**	**201000[a]**	**308000[a]**	**587000[a]**	**58300[a]**
Thallium	µg/L	0.5	5.7 U	5.7 U	10 U	5.7 U	10 U	5.7 U
Vanadium	µg/L	-	4.1 U	4.1 U	50 U	16.8	50 U	7.1
Zinc	µg/L	2000	3.2 U	4.1 U	20 U	41.1	5.6	49.3
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	0.09	**2.5[a]**	**3.7[a]**	-	1.0 U	-	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U
Pesticides								
4,4'-DDD	µg/L	0.3	0.050 U	0.050 U	-	0.050 U	-	0.050 U
4,4'-DDE	µg/L	0.2	0.0055 J	0.0097 J	-	0.050 U	-	0.050 U
4,4'-DDT	µg/L	0.2	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Aldrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-	0.050 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*
Sample Date:		*Class GA*	*10/17/01*	*10/17/01*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*
		Groundwater		*Duplicate*				
Parameter	*Unit*	*Criteria*						
alpha-BHC	µg/L	0.01	0.050 U	0.050 U	-	0.0089 J	-	0.050 U
beta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Chlordane	µg/L	-	0.50 U	0.50 U	-	0.50 U	-	0.50 U
delta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Dieldrin	µg/L	0.004	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endosulfan I	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endosulfan II	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endosulfan sulfate	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endrin aldehyde	µg/L	5	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endrin ketone	µg/L	5	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Endrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-	0.050 U
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Heptachlor epoxide	µg/L	0.03	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Heptachlor	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U
Methoxychlor	µg/L	35	0.10 U	0.10 U	-	0.10 U	-	0.10 U
Toxaphene	µg/L	0.06	2.0 U	2.0 U	-	2.0 U	-	2.0 U
General Chemistry								
Cyanide (total)	µg/L	200	10.0 U	10.0 U	-	10.0 U	-	10.0 U
Phenolics (Total)	mg/L	1	0.010 U	0.010 U	-	0.010 U	-	0.010 U

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-3*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*
Sample ID:		*NYSDEC*	*GW-18631-RW-21*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*
Sample Date:		*Class GA*	*04/04/02*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*
Parameter	*Unit*	*Groundwater Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.4	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1 UJ	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ
1,1,2-Trichloroethane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
2-Butanone	µg/L	50	5 U	5.0 U	5 UJ	5.0 UJ	5 U	5.0 UJ	5 U
2-Hexanone	µg/L	50	5 U	5.0 U	5 UJ	5.0 UJ	5 UJ	5.0 UJ	5 U
4-Methyl-2-pentanone	µg/L	-	5 U	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	**46[a]**	1 U
Bromodichloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	2 U	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chlorobenzene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2 U	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	µg/L	7	1 U	1.0 U	1 U	4.4	3.7	1.0 U	1 U
Chloromethane	µg/L	-	2 U	2.0 U	2 U	2.0 U	2 UJ	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	**82[a]**	1 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	1 UJ	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ
Tetrachloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1	1.0 U	0.24 J	1.0 U	0.31 J	**5.2[a]**	0.31 J
trans-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-3*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*
Sample ID:		*NYSDEC*	*GW-18631-RW-21*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*
Sample Date:		*Class GA*	*04/04/02*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*
Parameter	*Unit*	*Groundwater Criteria*							
Trichloroethene	µg/L	5	1 U	1.0 U	1 U	1.3	1.3	2.2	1 U
Vinyl chloride	µg/L	2	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3 U	3.0 U	3 U	3.0 U	3 U	**350[a]**	3 U
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	-	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	-	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	-	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	-	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	-	10 U	10 U	10 U	10 U	37	10 U
2-Methylphenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	**1.3 J[a]**	10 U
2-Nitroaniline	µg/L	5	-	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	-	50 U	50 U	50 U	R	50 U	R
3-Nitroaniline	µg/L	5	-	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	-	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	-	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	-	50 U	50 U	50 U	50 U	50 UJ	50 U
Acenaphthene	µg/L	20	-	10 U	10 U	10 U	10 U	0.73 J	10 U
Acenaphthylene	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	-	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-3 GW-18631-RW-21 04/04/02*	*GT-4 GW-18631-RW-013 10/17/01*	*GT-4 GW-18631-RW-04 04/02/02*	*GT-5 GW-18631-RW-017 10/17/01*	*GT-5 GW-18631-RW-13 04/03/02*	*GT-7 GW-18631-RW-021 10/18/01*	*GT-7 GW-18631-RW-22 04/04/02*
Benzo(b)fluoranthene	µg/L	0.002	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	-	10 U	10 U	10 UJ	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	-	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	-	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	-	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	-	10 U	10 U	10 UJ	10 U	10 U	10 U
Dibenzofuran	µg/L	-	-	10 U	10 U	10 U	10 U	0.97 J	10 U
Diethyl phthalate	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	-	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	-	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	-	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	-	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	-	10 U	10 U	10 UJ	10 U	10 U	10 U
Isophorone	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	-	10 U	10 U	10 U	10 U	75[a]	10 U
Nitrobenzene	µg/L	0.4	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	-	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	-	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	-	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	0.47 U	0.47 U	0.2 J	8.7 J	0.49 U
Metals									
Aluminum	µg/L	-	-	201 U	126	115 U	200 U	3400	220 U
Antimony	µg/L	3	-	4.1 U	60 U	4.7[a]	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-3*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*
Sample ID:		*NYSDEC*	*GW-18631-RW-21*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*
Sample Date:		*Class GA Groundwater*	*04/04/02*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*
Parameter	*Unit*	*Criteria*							
Arsenic	µg/L	25	-	2.0 U	10 U	2.0 U	10 U	2.2	10 U
Barium	µg/L	1000	-	33.2	26.4	31.5	28	119	31
Beryllium	µg/L	3	-	0.077 U	5 U	0.077 U	5 U	0.18 U	5 U
Cadmium	µg/L	5	-	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	-	81400 J	78000	93700 J	84300	174000	92100
Chromium	µg/L	50	-	1.8	10 U	2.0	10 U	6.4	10 U
Cobalt	µg/L	-	-	2.6 U	50 U	2.6 U	50 U	4.6	50 U
Copper	µg/L	200	-	2.3 U	25 U	1.3 U	25 U	8.8 U	25 U
Iron	µg/L	300	-	**302[a]**	182	149	110	**5170[a]**	**313 J[a]**
Lead	µg/L	25	-	1.8 U	3 U	1.8 U	3 U	2.3	3 U
Magnesium	µg/L	35000	-	11100	10800	12900	12300	21300	9520
Manganese	µg/L	300	-	9.0	4.6	4.5	15 U	**2920[a]**	6.4
Mercury	µg/L	0.7	-	0.087 U	0.2 U	0.054 U	0.2 U	0.13	0.2 U
Nickel	µg/L	100	-	7.9 U	40 U	7.9 U	5.5	7.9 U	6.5
Potassium	µg/L	-	-	1110 U	709	1370 U	1070	3000 U	803
Selenium	µg/L	10	-	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	-	0.75 U	10 U	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	-	**47900[a]**	**21900[a]**	**56800[a]**	**37800[a]**	**114000[a]**	**58800 J[a]**
Thallium	µg/L	0.5	-	5.7 U	10 U	8.9 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	-	4.1 U	50 U	4.1 U	50 U	10.1 U	50 U
Zinc	µg/L	2000	-	5.5 U	20 U	20.5 U	6.2	15.8	20 U
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	0.050 U	-	0.050 U	-	0.010 J	-
4,4'-DDE	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-3 GW-18631-RW-21 04/04/02*	*GT-4 GW-18631-RW-013 10/17/01*	*GT-4 GW-18631-RW-04 04/02/02*	*GT-5 GW-18631-RW-017 10/17/01*	*GT-5 GW-18631-RW-13 04/03/02*	*GT-7 GW-18631-RW-021 10/18/01*	*GT-7 GW-18631-RW-22 04/04/02*
alpha-BHC	µg/L	0.01	-	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	-	0.050 U	-	0.050 U	-	0.017 J	-
Endosulfan sulfate	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	-	0.050 U	-	0.050 U	-	0.018 J	-
Heptachlor epoxide	µg/L	0.03	-	0.050 U	-	0.050 U	-	0.0034 J	-
Heptachlor	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	-	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	-	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	-	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	-	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*NYSDEC*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	**380 J[a]**	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	1 U	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	**230[a]**	-	-
2-Butanone	µg/L	50	5.0 UJ	5 U	5.0 U	5 UJ	5.0 U	5 U
2-Hexanone	µg/L	50	5.0 UJ	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1.0 U	1 U	1.0 UJ	1 U	1.0 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2.0 UJ	2 U	2.0 UJ	2 U	2.0 U	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloromethane	µg/L	-	2.0 U	2 UJ	2.0 U	2 U	2.0 U	2 UJ
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	**8.4[a]**	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	-	**69[a]**	-	-
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	**62[a]**	-	-
Styrene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1.0 U	1.8	1.0 U	0.37 J	1.0 U	0.26 J
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U

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OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-8* *GW-18631-RW-016* *10/17/01*	*GT-8* *GW-18631-RW-18* *04/03/02*	*GT-9* *GW-18631-RW-003* *10/16/01*	*GT-9* *GW-18631-RW-05* *04/02/02*	*GT-10* *GW-18631-RW-010* *10/17/01*	*GT-10* *GW-18631-RW-15* *04/03/02*
Trichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	8.2[a]	96[a]	3.0 U	3 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	3.1 J[a]	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	R	50 U	50 U	50 U	R
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-8* *GW-18631-RW-016* *10/17/01*	*GT-8* *GW-18631-RW-18* *04/03/02*	*GT-9* *GW-18631-RW-003* *10/16/01*	*GT-9* *GW-18631-RW-05* *04/02/02*	*GT-10* *GW-18631-RW-010* *10/17/01*	*GT-10* *GW-18631-RW-15* *04/03/02*
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/L	-	0.48 U	0.5 U	0.36 J	2.8	0.49 U	0.5 U
Metals								
Aluminum	µg/L	-	18300	1300	40.1 U	546	734 U	200 U
Antimony	µg/L	3	4.1 U	60 U	**4.4**[a]	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*NYSDEC*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*						
Arsenic	µg/L	25	10.1	10 U	2.0	10 U	2.0 U	10 U
Barium	µg/L	1000	154	37.9	25.5	22.4	33.6	36.5
Beryllium	µg/L	3	1.1 U	5 U	0.077 U	5 U	0.077 U	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.72	5 U
Calcium	µg/L	-	106000 J	82600	67400 J	118000	112000 J	122000
Chromium	µg/L	50	20.8	10 U	1.3	10 U	2.7	10 U
Cobalt	µg/L	-	15.3	50 U	2.6 U	2.6	2.6 U	50 U
Copper	µg/L	200	32.7	2.5	5.0	4.8	2.0 U	25 U
Iron	µg/L	300	**32400[a]**	**1520[a]**	52.3	**877[a]**	**1060[a]**	100 U
Lead	µg/L	25	16.2	3 U	2.4	2.5	3.1	3 U
Magnesium	µg/L	35000	15000	9160	4530	10600	11200	12700
Manganese	µg/L	300	**761[a]**	38.4	46.4	**1280[a]**	25.6	15 U
Mercury	µg/L	0.7	0.062 U	0.2 U	0.054 U	0.2 U	0.086 U	0.2 U
Nickel	µg/L	100	23.0	3.3	7.9 U	5.1	7.9 U	40 U
Potassium	µg/L	-	5920	798	1540	1000	755 U	496
Selenium	µg/L	10	5.8	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	0.75 U	1.5	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	4040	3630	8160	**39400[a]**	3690	4370
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	38.3	2.8	4.1 U	50 U	4.1 U	50 U
Zinc	µg/L	2000	85.9	8.6	15.9 U	25.1	7.3 U	20 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides								
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.050 U	-	0.0052 J	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*NYSDEC*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*						
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	-	**0.0056 J[a]**	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry								
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-12*	*GT-12*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*NYSDEC*	*GW-18631-RW-009*	*GW-18631-RW-10*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
Parameter	*Unit*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	1 U	-	1 U
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	1 U	-	1 U
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	1 U	-	1 U
2-Butanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
2-Hexanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1 U	**1.1[a]**	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1.0 U	1 U	1.0 UJ	1 U	1.0 UJ	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloromethane	µg/L	-	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	-	1 U	-	1 U
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	1 U	-	1 U
Styrene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1.0 U	0.32 J	1.0 U	0.33 J	1.0 U	1 U
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-12*	*GT-12*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*NYSDEC*	*GW-18631-RW-009*	*GW-18631-RW-10*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*
Sample Date:		*Class GA*	*10/17/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
Parameter	*Unit*	*Groundwater Criteria*						
Trichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	3.0 U	3 U	3.0 U	3 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-12*	*GT-12*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*NYSDEC*	*GW-18631-RW-009*	*GW-18631-RW-10*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
Parameter	*Unit*	*Criteria*						
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/L	-	0.47 U	0.48 U	0.36 J	0.5 U	0.50 U	0.48 U
Metals								
Aluminum	µg/L	-	213 U	200 U	14.6 U	200 U	2830	465
Antimony	µg/L	3	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-12*	*GT-12*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*NYSDEC*	*GW-18631-RW-009*	*GW-18631-RW-10*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
Parameter	*Unit*	*Criteria*						
Arsenic	µg/L	25	2.0 U	10 U	2.0 U	10 U	2.0 U	10 U
Barium	µg/L	1000	43.9	40.7	88.7	36.8	44.9	33
Beryllium	µg/L	3	0.077 U	5 U	0.077 U	5 U	0.24 U	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	131000 J	121000	132000 J	110000	118000 J	116000
Chromium	µg/L	50	3.7	10 U	2.8	10 U	7.6	10 U
Cobalt	µg/L	-	2.6 U	50 U	2.6 U	50 U	2.6	50 U
Copper	µg/L	200	1.3 U	25 U	2.3	25 U	10.0	2
Iron	µg/L	300	**327[a]**	99.8	194	70.8	**4710[a]**	**655[a]**
Lead	µg/L	25	1.8 U	3 U	1.8 U	3 U	1.9	3 U
Magnesium	µg/L	35000	13500	12900	11300	12800	15600	14800
Manganese	µg/L	300	8.4	1.6	**839[a]**	18.5	111	16.7
Mercury	µg/L	0.7	0.054 U	0.2 U	0.054 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	7.9 U	40 U	7.9 U	40 U	7.9 U	1.8
Potassium	µg/L	-	942 U	600	1360	646	2200	645
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	1.6	10 U	0.75 U	10 U	0.75 U	1.2
Sodium	µg/L	20000	**31700[a]**	**28800[a]**	**277000[a]**	**29800[a]**	2980	2710
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	4.1 U	50 U	4.8	50.U	9.5	50 U
Zinc	µg/L	2000	3.2 U	20 U	10.9 U	20 U	51.3	20 U
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides								
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-12 GW-18631-RW-009 10/17/01*	*GT-12 GW-18631-RW-10 04/02/02*	*GT-13 GW-18631-RW-005 10/16/01*	*GT-13 GW-18631-RW-08 04/02/02*	*GT-14 GW-18631-RW-004 10/16/01*	*GT-14 GW-18631-RW-03 04/02/02*
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry								
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-15*	*GT-15*	*GT-16*	*GT-16*	*SMW-1*	*SMW-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*
Sample Date:		*Class GA*	*10/18/01*	*04/04/02*	*10/17/01*	*04/04/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.1	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 UJ	1.0 U	1 UJ	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-
2-Butanone	µg/L	50	5.0 UJ	5 U	5.0 U	5 U	5.0 U	5 U
2-Hexanone	µg/L	50	5.0 UJ	5 U	5.0 U	5 U	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1.0 U	1 U	1.0 U	0.82 J	1.0 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2.0 UJ	2 U	2.0 U	2 U	2.0 U	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	0.49 J	1.0 U	2	1.0 U	1 U
Chloromethane	µg/L	-	2.0 U	2 U	2.0 U	2 U	2.0 U	2 UJ
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	1.0 U	1 UJ	1.0 U	1 UJ	1.0 U	1 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1.0 U	0.65 J	1.0 U	1 U	1.0 U	1 U
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-15*	*GT-15*	*GT-16*	*GT-16*	*SMW-1*	*SMW-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*
Sample Date:		*Class GA*	*10/18/01*	*04/04/02*	*10/17/01*	*04/04/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*						
Trichloroethene	µg/L	5	4.3	2.8	1.0 U	13[a]	1.0 U	0.59 J
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	3.0 U	3 U	3.0 U	3 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	R	50 U	R	50 U	R
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-15* *GW-18631-RW-025* *10/18/01*	*GT-15* *GW-18631-RW-25* *04/04/02*	*GT-16* *GW-18631-RW-019* *10/17/01*	*GT-16* *GW-18631-RW-24* *04/04/02*	*SMW-1* *GW-18631-RW-014* *10/17/01*	*SMW-1* *GW-18631-RW-17* *04/03/02*
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/L	-	0.46 U	0.5 U	0.49 U	0.47 U	0.47 U	0.47 U
Metals								
Aluminum	µg/L	-	23.8 U	200 U	544	200 U	32.5 U	200 U
Antimony	µg/L	3	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-15*	*GT-15*	*GT-16*	*GT-16*	*SMW-1*	*SMW-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*
Sample Date:		*Class GA Groundwater*	*10/18/01*	*04/04/02*	*10/17/01*	*04/04/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*						
Arsenic	µg/L	25	2.0 U	10 U	2.1	10 U	2.0 U	10 U
Barium	µg/L	1000	44.2	43.6	38.7	41	58.5	61.6
Beryllium	µg/L	3	0.077 U	5 U	0.090 U	5 U	0.077 U	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	73300	69400	116000	90200	143000 J	161000
Chromium	µg/L	50	1.8	10 U	**99.6[a]**	10 U	9.1	10 U
Cobalt	µg/L	-	2.6 U	50 U	2.6 U	50 U	2.6 U	50 U
Copper	µg/L	200	4.3 U	25 U	3.8 U	25 U	1.3 U	1.3
Iron	µg/L	300	16.5 U	100 U	**1300[a]**	100 U	130	122
Lead	µg/L	25	1.8 U	3 U	1.8 U	3 U	1.8 U	3 U
Magnesium	µg/L	35000	10900	10900	11700	13900	16400	19300
Manganese	µg/L	300	0.88 U	15 U	23.2	10	19.2	9.8
Mercury	µg/L	0.7	0.054 U	0.2 U	0.054 U	0.2 U	0.061 U	0.2 U
Nickel	µg/L	100	7.9 U	40 U	52.2	40 U	40.8	48
Potassium	µg/L	-	1070 U	600	1420 U	910	1020 U	816
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	0.75 U	10 U	0.75 U	10 U	0.75 U	0.79
Sodium	µg/L	20000	**24600[a]**	**24900 J[a]**	**58900[a]**	**42100 J[a]**	**94100[a]**	**77700[a]**
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	7.5 U	50 U	5.2 U	50 U	4.1 U	50 U
Zinc	µg/L	2000	3.2 U	20 U	3.8	20 U	6.0 U	5.2
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides								
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-15*	*GT-15*	*GT-16*	*GT-16*	*SMW-1*	*SMW-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*
Sample Date:		*Class GA*	*10/18/01*	*04/04/02*	*10/17/01*	*04/04/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*						
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry								
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*SMW-2* *GW-18631-RW-012* *10/17/01*	*SMW-2* *GW-18631-RW-16* *04/03/02*	*VRI-1* *GW-18631-RW-024* *10/18/01*	*VRI-1* *GW-18631-RW-06* *04/02/02*	*VRI-1* *GW-18631-RW-07* *04/02/02* *Duplicate*	*VRI-2* *GW-18631-RW-023* *10/18/01*	*VRI-2* *GW-18631-RW-09* *04/02/02*
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	**1500[a]**	**1100[a]**	-	1 U
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	25 U	50 U	-	1 U
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	**510[a]**	**370[a]**	-	1 U
2-Butanone	µg/L	50	5.0 U	5 U	100 UJ	120 UJ	250 UJ	5.0 U	5 UJ
2-Hexanone	µg/L	50	5.0 U	5 UJ	100 UJ	120 UJ	250 UJ	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	100 U	120 U	250 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	200 UJ	250 UJ	500 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Bromomethane	µg/L	5	1.0 U	2 U	20 U	50 U	100 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Chloroethane	µg/L	5	2.0 U	2 U	40 UJ	50 U	100 UJ	2.0 U	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Chloromethane	µg/L	-	2.0 U	2 UJ	40 U	50 U	100 U	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	-	**85 J[a]**	**39 J[a]**	-	1 U
Methylene chloride	µg/L	5	2.0 U	2 U	40 U	50 U	**380 J[a]**	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	**110 J[a]**	**940 J[a]**	-	1 U
Styrene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Toluene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	0.34 J
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*SMW-2 GW-18631-RW-012 10/17/01*	*SMW-2 GW-18631-RW-16 04/03/02*	*VRI-1 GW-18631-RW-024 10/18/01*	*VRI-1 GW-18631-RW-06 04/02/02*	*VRI-1 GW-18631-RW-07 04/02/02 Duplicate*	*VRI-2 GW-18631-RW-023 10/18/01*	*VRI-2 GW-18631-RW-09 04/02/02*
Trichloroethene	µg/L	5	1.0 U	1 U	20 U	25 U	50 U	1.0 U	1 U
Vinyl chloride	µg/L	2	2.0 U	2 U	40 U	50 U	100 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	**670[a]**	**880 J[a]**	**510 J[a]**	3.0 U	3 U
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	R	50 U	50 U	50 U	50 U	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	50 U	50 UJ	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*
Sample ID:		*NYSDEC*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*	*GW-18631-RW-023*	*GW-18631-RW-09*
Sample Date:		*Class GA*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*	*04/02/02*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Groundwater Criteria*					*Duplicate*		
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	2.7 J	5 J	4.8 J	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	6.8	4.3	4.6	0.46 U	0.47 U
Metals									
Aluminum	µg/L	-	72.7 U	200 U	251	76.2	200 U	124	200 U
Antimony	µg/L	3	4.1 U	60 U	4.1 U	60 U	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*
Sample ID:		*NYSDEC*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*	*GW-18631-RW-023*	*GW-18631-RW-09*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*	*04/02/02 Duplicate*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Arsenic	µg/L	25	2.0 U	10 U	2.0 U	10 U	10 U	2.0 U	10 U
Barium	µg/L	1000	41.2	48.3	45.2	43.9	42.5	40.4	43.8
Beryllium	µg/L	3	0.23 U	5 U	0.090 U	5 U	5 U	0.12 U	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	5 U	0.63 U	5 U
Calcium	µg/L	-	119000 J	139000	120000	134000	131000	123000	123000
Chromium	µg/L	50	**133[a]**	**212[a]**	1.8	10 U	10 U	2.5	10 U
Cobalt	µg/L	-	2.6 U	50 U	2.6 U	50 U	50 U	2.6 U	50 U
Copper	µg/L	200	6.3 U	8.7	2.6 U	1.3	25 U	7.4 U	25 U
Iron	µg/L	300	**1640[a]**	**2000[a]**	**336[a]**	88.2	56.5	157	100 U
Lead	µg/L	25	1.8 U	3 U	1.8 U	3 U	3 U	1.8 U	3 U
Magnesium	µg/L	35000	12300	14500	16000	16600	16400	15200	16500
Manganese	µg/L	300	21.0	6.2	209	**538[a]**	**525[a]**	19.4	3.8
Mercury	µg/L	0.7	0.085 U	0.2 U	0.054 U	0.2 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	36.5	40	7.9 U	2.5	2.4	7.9 U	40 U
Potassium	µg/L	-	772 U	691	1780 U	872	890	1650 U	645
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	5 U	3.2 U	5 U
Silver	µg/L	50	0.75 U	10 U	0.80	10 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	**55400[a]**	**52500[a]**	7450	3340	3260	9850	7460
Thallium	µg/L	0.5	7.0 U	10 U	5.7 U	10 U	10 U	**11.0[a]**	10 U
Vanadium	µg/L	-	4.1 U	50 U	6.4 U	50 U	50 U	7.4 U	50 U
Zinc	µg/L	2000	3.2 U	20 U	3.2 U	20 U	20 U	5.5	20 U
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*
Sample ID:		*NYSDEC*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*	*GW-18631-RW-023*	*GW-18631-RW-09*
Sample Date:		*Class GA*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*	*04/02/02*	*10/18/01*	*04/02/02*
		Groundwater					*Duplicate*		
Parameter	*Unit*	*Criteria*							
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	-	**0.0051 J[a]**	-	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	-	**0.026 J[a]**	-	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	-	0.050 U	-
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*
Sample ID:		*NYSDEC*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-112701-BP-001*	*GW-18631-RW-23*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*11/29/01*	*04/04/02*
Parameter	*Unit*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 UJ
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	1 U	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	1 U	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	1 U	-	-	-	-
2-Butanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5 U	5 U
2-Hexanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5 U	5 U
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	38 J	10 UJ
Benzene	µg/L	1	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	2 UJ	2 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	1.0 UJ	1 U	1.0 UJ	1 U	1 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Chloroethane	µg/L	5	2.0 UJ	2 U	2.0 UJ	2 U	2 U	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	1.0 U	1 U	0.56 J	1 U
Chloromethane	µg/L	-	2.0 U	2 U	2.0 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Isopropylbenzene	µg/L	5	-	1 U	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2 U	2 U
n-Propylbenzene	µg/L	5	-	1 U	-	-	-	-
Styrene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 UJ
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Toluene	µg/L	5	1.0 U	1 U	1.0 U	1 U	0.25 J	0.3 J
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1 U	1 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*
Sample ID:		*NYSDEC*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-112701-BP-001*	*GW-18631-RW-23*
Sample Date:		*Class GA*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*11/29/01*	*04/04/02*
Parameter	*Unit*	*Groundwater Criteria*						
Trichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	3.0 U	3 U	3 U	3 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	50 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	50 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	50 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	250 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	50 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	250 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	50 U	50 U	250 U	R
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	250 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	250 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	250 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	250 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	50 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	50 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	50 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*
Sample ID:		*NYSDEC*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-112701-BP-001*	*GW-18631-RW-23*
Sample Date:		*Class GA*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*11/29/01*	*04/04/02*
Parameter	*Unit*	*Groundwater Criteria*						
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	50 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	50 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	50 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	50 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	50 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	50 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	250 UJ	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	50 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	50 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	50 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	50 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	50 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	250 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	50 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	50 U	10 U
Total Petroleum Hydrocarbons								
TPH (C21-C28)	mg/L	-	0.47 U	0.48 U	0.47 U	0.48 U	1.7	2
Metals								
Aluminum	µg/L	-	950	2900	3470	6490	75100	4230
Antimony	µg/L	3	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
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RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*
Sample ID:		*NYSDEC*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-112701-BP-001*	*GW-18631-RW-23*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*11/29/01*	*04/04/02*
Parameter	*Unit*	*Criteria*						
Arsenic	µg/L	25	2.0 U	10 U	2.0 U	4	**54.1[a]**	19.6
Barium	µg/L	1000	49.0	59.9	73.5	96.4	**1110[a]**	198
Beryllium	µg/L	3	0.080 U	5 U	0.18 U	5 U	2.6	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	114000 J	125000	120000 J	134000	1030000	112000
Chromium	µg/L	50	3.1	10 U	6.3	11.3	**112[a]**	23.6 J
Cobalt	µg/L	-	2.6 U	50 U	2.6 U	4.2	55	50 U
Copper	µg/L	200	2.9	5.2	6.3	11	**202[a]**	9.2
Iron	µg/L	300	**1470[a]**	**4220[a]**	**5990[a]**	**10600[a]**	**130000[a]**	**5340 J[a]**
Lead	µg/L	25	1.8 U	3 U	1.8 U	4.6	**57.3[a]**	5 U
Magnesium	µg/L	35000	16900	17700	18200	19000	**114000[a]**	24400
Manganese	µg/L	300	47.1	93.3	**384[a]**	**814[a]**	**3270[a]**	216
Mercury	µg/L	0.7	0.44	0.2 U	0.096 U	0.2 U	0.19	0.2 U
Nickel	µg/L	100	7.9 U	4.3	12.2	12.6	**110[a]**	11.9
Potassium	µg/L	-	2250	1550	4220	3920	17600	2990
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	0.75 U	10 U	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	8420	9270	12200	16100	**29200[a]**	10000 J
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	4.7.	6	6.6	15.2	124	9.5
Zinc	µg/L	2000	31.0 U	13.7	27.4 U	29.5	523	32.8
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1 U	-
Pesticides								
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.05 U	-
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	0.05 U	-
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.05 U	-
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.05 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*
Sample ID:		*NYSDEC*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-112701-BP-001*	*GW-18631-RW-23*
Sample Date:		*Class GA*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*11/29/01*	*04/04/02*
Parameter	*Unit*	*Groundwater Criteria*						
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.05 U	-
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.05 U	-
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.5 U	-
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.05 U	-
Dieldrin	µg/L	0.004	0.050 U	-	0.050 U	-	0.05 U	-
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.05 U	-
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.05 U	-
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.05 U	-
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.05 U	-
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.05 U	-
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.05 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.05 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.05 U	-
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.05 U	-
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.1 U	-
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2 U	-
General Chemistry								
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10 U	-
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.01 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*VRI-6* *GW-18631-RW-022* *10/18/01*	*VRI-7* *GW-18631-RW-020* *10/18/01*	*VRI-7* *GW-18631-RW-20* *04/03/02*	*VRI-8* *GW-18631-RW-018* *10/17/01*	*VRI-8* *GW-18631-RW-14* *04/03/02*
Volatiles							
1,1,1-Trichloroethane	µg/L	5	1.0 U	1.3	0.96 J	1.0 U	5 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1-Dichloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2-Dichloropropane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-
2-Butanone	µg/L	50	5.0 U	5.0 U	5 U	5.0 U	25 U
2-Hexanone	µg/L	50	5.0 U	5.0 U	5 UJ	5.0 U	25 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5.0 U	5 U	5.0 U	25 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	50 UJ
Benzene	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	**130[a]**
Bromodichloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	5 U
Bromoform	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	5 U
Bromomethane	µg/L	5	1.0 U	1.0 U	2 U	1.0 U	10 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1 U	1.0 U	5 U
Carbon tetrachloride	µg/L	5	2.1	1.0 U	1 U	1.2	5 U
Chlorobenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
Chloroethane	µg/L	5	2.0 U	2.0 U	2 U	2.0 U	10 U
Chloroform (Trichloromethane)	µg/L	7	2.2	1.0 U	1 U	2.8	5 U
Chloromethane	µg/L	-	2.0 U	2.0 U	2 UJ	2.0 U	10 UJ
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	5 U
Dibromochloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	5 U
Ethylbenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	**88[a]**
Isopropylbenzene	µg/L	5	-	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2.0 U	2 U	2.0 U	10 U
n-Propylbenzene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
Toluene	µg/L	5	1.0 U	1.0 U	0.45 J	1.0 U	**6.6[a]**
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	5 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	5 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA Groundwater*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*					
Trichloroethene	µg/L	5	1.5	1.0 U	1 U	19[a]	2.1 J
Vinyl chloride	µg/L	2	2.0 U	2.0 U	2 U	2.0 U	10 U
Xylene (total)	µg/L	5 (b)	3.0 U	3.0 U	3 U	3.0 U	360[a]
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	20 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	20 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	20 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	20 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	20 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	100 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	20 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	20 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	20 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	88
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	100 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	R	50 U	R
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	100 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	100 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	20 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	20 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	20 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	100 U
4-Nitrophenol	µg/L	1 (c)	50 UJ	50 UJ	50 U	50 UJ	100 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	20 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	20 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	20 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	20 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	20 U

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*					
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	20 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	20 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethyl)ether	µg/L	1	0.70 J	10 U	10 U	10 U	20 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	20 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	20 U
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	20 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	20 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	20 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	20 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	20 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	20 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	20 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	20 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	20 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	20 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	20 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	20 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	100 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	20 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	20 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	20 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	**130[a]**
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	20 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	20 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	20 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	100 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	20 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	20 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	20 U
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/L	-	0.40 J	0.48 U	0.48 U	0.50 U	23
Metals							
Aluminum	µg/L	-	4500	151	350	26.9 U	294
Antimony	µg/L	3	4.1 U	4.1 U	60 U	4.1 U	60 U

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA Groundwater*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*					
Arsenic	µg/L	25	3.9	2.0 U	10 U	2.0 U	10 U
Barium	µg/L	1000	64.6	82.5	196	41.9	112
Beryllium	µg/L	3	0.28 U	0.090 U	5 U	0.077 U	5 U
Cadmium	µg/L	5	0.63 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	98600	159000	343000	90400	156000
Chromium	µg/L	50	9.2	1.6	10 U	2.1	10 U
Cobalt	µg/L	-	2.7	2.6 U	50 U	2.6 U	4.5
Copper	µg/L	200	14.0 U	3.9 U	2.2	3.0 U	1.6
Iron	µg/L	300	**6640[a]**	211	**555[a]**	38.5 U	**388[a]**
Lead	µg/L	25	3.2	1.8 U	3 U	1.9	3 U
Magnesium	µg/L	35000	17500	19300	**45600[a]**	13400	20300
Manganese	µg/L	300	285	11.2	23.2	1.2 U	**5290[a]**
Mercury	µg/L	0.7	0.054 U	0.054 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	7.9 U	7.9 U	4.5	7.9 U	6.7
Potassium	µg/L	-	5610 U	1570 U	1760	1250 U	1340
Selenium	µg/L	10	3.2 U	3.2 U	5 U	3.8	5 U
Silver	µg/L	50	0.75 U	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	**77600[a]**	**192000[a]**	**291000[a]**	**42400[a]**	**203000[a]**
Thallium	µg/L	0.5	5.7 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	13.8 U	4.1 U	50 U	5.0 U	50 U
Zinc	µg/L	2000	31.1	3.2 U	7.5	3.2 U	20 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-
Pesticides							
4,4'-DDD	µg/L	0.3	0.050 U	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.050 U	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-

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SCHENEDTADY, NEW YORK

Sample Location:			*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA Groundwater*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Criteria*					
alpha-BHC	µg/L	0.01	0.050 U	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	0.050 U	-	0.050 U	-
Heptachlor	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	2.0 U	-	2.0 U	-
General Chemistry							
Cyanide (total)	µg/L	200	10.0 U	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.011	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*Class GA*	*10/17/01*	*10/17/01*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*	*04/04/02*
		Groundwater		*Duplicate*					
Parameter	*Unit*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ
1,1,2-Trichloroethane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
2-Butanone	µg/L	50	5.0 U	5.0 U	5 U	5.0 U	5 U	5.0 UJ	5 U
2-Hexanone	µg/L	50	5.0 U	5.0 U	5 UJ	5.0 U	5 UJ	5.0 UJ	5 U
4-Methyl-2-pentanone	µg/L	-	5.0 U	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	1.0 U	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1.0 UJ	1.0 U	1 U	1.0 UJ	1 U	1.0 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2.0 UJ	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloromethane	µg/L	-	2.0 U	2.0 U	2 UJ	2.0 U	2 UJ	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1.0 U	1.0 U	0.29 J	1.0 U	1 U	1.0 U	1
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Vinyl chloride	µg/L	2	2.0 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3.0 U	3.0 U	3 U	3.0 U	3 U	3.0 U	3 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-1 GW-18631-RW-007 10/17/01*	*GT-1 GW-18631-RW-008 10/17/01 Duplicate*	*GT-1 GW-18631-RW-11 04/03/02*	*GT-2R GW-18631-RW-006 10/16/01*	*GT-2R GW-18631-RW-12 04/03/02*	*GT-3 GW-18631-RW-011 10/17/01*	*GT-3 GW-18631-RW-21 04/04/02*
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	-
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	-
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	-
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	50 UJ	50 U	-
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	-
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	-
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	R	50 U	R	50 U	-
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	-
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 U	50 UJ	50 U	50 UJ	50 U	-
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	-
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	-
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	-
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	-
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	-
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	-
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	-
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	-
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-1 GW-18631-RW-007 10/17/01*	*GT-1 GW-18631-RW-008 10/17/01 Duplicate*	*GT-1 GW-18631-RW-11 04/03/02*	*GT-2R GW-18631-RW-006 10/16/01*	*GT-2R GW-18631-RW-12 04/03/02*	*GT-3 GW-18631-RW-011 10/17/01*	*GT-3 GW-18631-RW-21 04/04/02*
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	-
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	-
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	-
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	-
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	-
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	-
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	-
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	-
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	-
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	-
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	-
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	0.48 U	0.50 U	0.48 U	0.50 U	0.47 U
Metals									
Aluminum	µg/L	-	81.1 U	66.9 U	200 U	7150	82.2	2350	-
Antimony	µg/L	3	4.1 U	4.1 U	60 U	4.1 U	60 U	4.1 U	-
Arsenic	µg/L	25	2.0 U	2.0 U	10 U	3.4	10 U	2.0 U	-
Barium	µg/L	1000	28.2	28.8	54	114	132	44.8	-
Beryllium	µg/L	3	0.077 U	0.077 U	5 U	0.39 U	5 U	0.080 U	-
Cadmium	µg/L	5	0.63 U	0.63 U	5 U	0.63 U	5 U	0.94	-
Calcium	µg/L	-	72600 J	74400 J	104000	132000 J	186000	113000 J	-
Chromium	µg/L	50	1.7	2.1	10 U	12.7	1.6	5.5	-
Cobalt	µg/L	-	2.6 U	2.6 U	50 U	6.6	50 U	2.6 U	-
Copper	µg/L	200	3.4 U	2.5 U	25 U	19.4	1.5	10.2	-
Iron	µg/L	300	111	113	100 U	**12500[a]**	99.1	**3380[a]**	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*Class GA*	*10/17/01*	*10/17/01*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*	*04/04/02*
		Groundwater		*Duplicate*					
Parameter	*Unit*	*Criteria*							
Lead	µg/L	25	1.8 U	2.9	3 U	6.8	3 U	1.8 U	-
Magnesium	µg/L	35000	7340	7480	8970	16800	19900	11700	-
Manganese	µg/L	300	3.9	3.9	15 U	**481**[a]	26.4	89.2	-
Mercury	µg/L	0.7	0.088 U	0.054 U	0.2 U	0.054 U	0.2 U	0.068 U	-
Nickel	µg/L	100	7.9 U	7.9 U	40 U	14.4	3.8	9.7	-
Potassium	µg/L	-	795 U	519 U	767	6930	2230	1760 U	-
Selenium	µg/L	10	3.2 U	3.2 U	5 U	3.2 U	5 U	3.2 U	-
Silver	µg/L	50	0.75 U	0.75 U	10 U	0.75 U	10 U	0.75 U	-
Sodium	µg/L	20000	**100000**[a]	**105000**[a]	**201000**[a]	**308000**[a]	**587000**[a]	**58300**[a]	-
Thallium	µg/L	0.5	5.7 U	5.7 U	10 U	5.7 U	10 U	5.7 U	-
Vanadium	µg/L	-	4.1 U	4.1 U	50 U	16.8	50 U	7.1	-
Zinc	µg/L	2000	3.2 U	4.1 U	20 U	41.1	5.6	49.3	-
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	**2.5**[a]	**3.7**[a]	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.0055 J	0.0097 J	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
alpha-BHC	µg/L	0.01	0.050 U	0.050 U	-	0.0089 J	-	0.050 U	-
beta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.50 U	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*
Sample ID:		*NYSDEC*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*Class GA*	*10/17/01*	*10/17/01*	*04/03/02*	*10/16/01*	*04/03/02*	*10/17/01*	*04/04/02*
		Groundwater		*Duplicate*					
Parameter	*Unit*	*Criteria*							
Heptachlor	µg/L	0.04	0.050 U	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.10 U	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2.0 U	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	10.0 U	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.010 U	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloropropene
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*	*GT-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-RW-016*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.4	1 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ	1.0 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
2-Butanone	µg/L	50	5.0 U	5 UJ	5.0 UJ	5 U	5.0 UJ	5 U	5.0 UJ
2-Hexanone	µg/L	50	5.0 U	5 UJ	5.0 UJ	5 UJ	5.0 UJ	5 U	5.0 UJ
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U	5.0 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.0 U	1 U	1.0 U	1 U	**46[a]**	1 U	1.0 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Chloroethane	µg/L	5	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ	2 U	2.0 UJ
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	4.4	3.7	1.0 U	1 U	1.0 U
Chloromethane	µg/L	-	2.0 U	2 U	2.0 U	2 UJ	2.0 U	2 U	2.0 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	**82[a]**	1 U	1.0 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Toluene	µg/L	5	1.0 U	0.24 J	1.0 U	0.31 J	**5.2[a]**	0.31 J	1.0 U
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1 U	1.3	1.3	2.2	1 U	1.0 U
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	3.0 U	3 U	**350[a]**	3 U	3.0 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*	*GT-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-RW-016*
Sample Date:		*Class GA*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Groundwater Criteria*							
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	37	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	1.3 J[a]	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	50 U	R	50 U	R	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	0.73 J	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
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VON ROLLS ISOLA, USA, INC. FACILITY
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Sample Location:			*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*	*GT-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-RW-016*
Sample Date:		*Class GA*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Groundwater Criteria*							
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	0.97 J	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	**75[a]**	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	0.47 U	0.2 J	8.7 J	0.49 U	0.48 U
Metals									
Aluminum	µg/L	-	201 U	126	115 U	200 U	3400	220 U	18300
Antimony	µg/L	3	4.1 U	60 U	**4.7[a]**	60 U	4.1 U	60 U	4.1 U
Arsenic	µg/L	25	2.0 U	10 U	2.0 U	10 U	2.2	10 U	10.1
Barium	µg/L	1000	33.2	26.4	31.5	28	119	31	154
Beryllium	µg/L	3	0.077 U	5 U	0.077 U	5 U	0.18 U	5 U	1.1 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U	0.63 U
Calcium	µg/L	-	81400 J	78000	93700 J	84300	174000	92100	106000 J
Chromium	µg/L	50	1.8	10 U	2.0	10 U	6.4	10 U	20.8
Cobalt	µg/L	-	2.6 U	50 U	2.6 U	50 U	4.6	50 U	15.3
Copper	µg/L	200	2.3 U	25 U	1.3 U	25 U	8.8 U	25 U	32.7
Iron	µg/L	300	**302[a]**	182	149	110	**5170[a]**	**313 J[a]**	**32400[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*	*GT-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-RW-016*
Sample Date:		*Class GA Groundwater*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Lead	µg/L	25	1.8 U	3 U	1.8 U	3 U	2.3	3 U	16.2
Magnesium	µg/L	35000	11100	10800	12900	12300	21300	9520	15000
Manganese	µg/L	300	9.0	4.6	4.5	15 U	**2920[a]**	6.4	**761[a]**
Mercury	µg/L	0.7	0.087 U	0.2 U	0.054 U	0.2 U	0.13	0.2 U	0.062 U
Nickel	µg/L	100	7.9 U	40 U	7.9 U	5.5	7.9 U	6.5	23.0
Potassium	µg/L	-	1110 U	709	1370 U	1070	3000 U	803	5920
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U	5.8
Silver	µg/L	50	0.75 U	10 U	0.75 U	10 U	0.75 U	10 U	0.75 U
Sodium	µg/L	20000	**47900[a]**	**21900[a]**	**56800[a]**	**37800[a]**	**114000[a]**	**58800 J[a]**	4040
Thallium	µg/L	0.5	5.7 U	10 U	8.9 U	10 U	5.7 U	10 U	5.7 U
Vanadium	µg/L	-	4.1 U	50 U	4.1 U	50 U	10.1 U	50 U	38.3
Zinc	µg/L	2000	5.5 U	20 U	20.5 U	6.2	15.8	20 U	85.9
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Pesticides									
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.010 J	-	0.050 U
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.50 U	-	0.50 U
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Dieldrin	µg/L	0.004	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.017 J	-	0.050 U
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.018 J	-	0.050 U
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.0034 J	-	0.050 U

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-7*	*GT-7*	*GT-8*
Sample ID:		*NYSDEC*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-RW-017*	*GW-18631-RW-13*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-RW-016*
Sample Date:		*Class GA*	*10/17/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Groundwater Criteria*							
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.10 U	-	0.10 U
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2.0 U	-	2.0 U
General Chemistry									
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10.0 U	-	10.0 U
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.010 U	-	0.010 U

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*	*GT-12*	*GT-12*
Sample ID:		*NYSDEC*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*Class GA Groundwater*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	**380 J[a]**	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	1 U	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	**230[a]**	-	-	-	-
2-Butanone	µg/L	50	5 U	5.0 U	5 UJ	5.0 U	5 U	5.0 U	5 UJ
2-Hexanone	µg/L	50	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	5 U	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	2 U	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	1 U	1.0 UJ	1 U	1.0 U	1 U	1.0 U	1 U
Chlorobenzene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	2 U	2.0 UJ	2 U	2.0 U	2 U	2.0 U	2 U
Chloroform (Trichloromethane)	µg/L	7	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloromethane	µg/L	-	2 UJ	2.0 U	2 U	2.0 U	2 UJ	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	1 U	1.0 U	**8.4[a]**	1.0 U	1 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	-	-	**69[a]**	-	-	-	-
Methylene chloride	µg/L	5	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	-	-	**62[a]**	-	-	-	-
Styrene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Tetrachloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	1.8	1.0 U	0.37 J	1.0 U	0.26 J	1.0 U	0.32 J
trans-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Trichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Vinyl chloride	µg/L	2	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	3 U	**8.2[a]**	**96[a]**	3.0 U	3 U	3.0 U	3 U

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OCTOBER 2001 - APRIL 2002
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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*	*GT-12*	*GT-12*
Sample ID:		*NYSDEC*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*Class GA Groundwater*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	3.1 J[a]	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 U
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	R	50 U	50 U	50 U	R	50 U	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*	*GT-12*	*GT-12*
Sample ID:		*NYSDEC*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*Class GA*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/02/02*
Parameter	*Unit*	*Groundwater Criteria*							
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.5 U	0.36 J	2.8	0.49 U	0.5 U	0.47 U	0.48 U
Metals									
Aluminum	µg/L	-	1300	40.1 U	546	734 U	200 U	213 U	200 U
Antimony	µg/L	3	60 U	**4.4[a]**	60 U	4.1 U	60 U	4.1 U	60 U
Arsenic	µg/L	25	10 U	2.0	10 U	2.0 U	10 U	2.0 U	10 U
Barium	µg/L	1000	37.9	25.5	22.4	33.6	36.5	43.9	40.7
Beryllium	µg/L	3	5 U	0.077 U	5 U	0.077 U	5 U	0.077 U	5 U
Cadmium	µg/L	5	5 U	0.63 U	5 U	0.72	5 U	0.63 U	5 U
Calcium	µg/L	-	82600	67400 J	118000	112000 J	122000	131000 J	121000
Chromium	µg/L	50	10 U	1.3	10 U	2.7	10 U	3.7	10 U
Cobalt	µg/L	-	50 U	2.6 U	2.6	2.6 U	50 U	2.6 U	50 U
Copper	µg/L	200	2.5	5.0	4.8	2.0 U	25 U	1.3 U	25 U
Iron	µg/L	300	**1520[a]**	52.3	**877[a]**	**1060[a]**	100 U	**327[a]**	99.8

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-8* *GW-18631-RW-18* *04/03/02*	*GT-9* *GW-18631-RW-003* *10/16/01*	*GT-9* *GW-18631-RW-05* *04/02/02*	*GT-10* *GW-18631-RW-010* *10/17/01*	*GT-10* *GW-18631-RW-15* *04/03/02*	*GT-12* *GW-18631-RW-009* *10/17/01*	*GT-12* *GW-18631-RW-10* *04/02/02*
Lead	µg/L	25	3 U	2.4	2.5	3.1	3 U	1.8 U	3 U
Magnesium	µg/L	35000	9160	4530	10600	11200	12700	13500	12900
Manganese	µg/L	300	38.4	46.4	**1280[a]**	25.6	15 U	8.4	1.6
Mercury	µg/L	0.7	0.2 U	0.054 U	0.2 U	0.086 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	3.3	7.9 U	5.1	7.9 U	40 U	7.9 U	40 U
Potassium	µg/L	-	798	1540	1000	755 U	496	942 U	600
Selenium	µg/L	10	5 U	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	1.5	0.75 U	10 U	0.75 U	10 U	1.6	10 U
Sodium	µg/L	20000	3630	8160	**39400[a]**	3690	4370	**31700[a]**	**28800[a]**
Thallium	µg/L	0.5	10 U	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	2.8	4.1 U	50 U	4.1 U	50 U	4.1 U	50 U
Zinc	µg/L	2000	8.6	15.9 U	25.1	7.3 U	20 U	3.2 U	20 U
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	-	0.0052 J	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
alpha-BHC	µg/L	0.01	-	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	-	**0.0056 J[a]**	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	-	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	-	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-8*	*GT-9*	*GT-9*	*GT-10*	*GT-10*	*GT-12*	*GT-12*
Sample ID:		*NYSDEC*	*GW-18631-RW-18*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*Class GA*	*04/03/02*	*10/16/01*	*04/02/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/02/02*
Parameter	*Unit*	*Groundwater Criteria*							
Heptachlor	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	-	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	-	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	-	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	-	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

TABLE 1.2

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-13* *GW-18631-RW-005* *10/16/01*	*GT-13* *GW-18631-RW-08* *04/02/02*	*GT-14* *GW-18631-RW-004* *10/16/01*	*GT-14* *GW-18631-RW-03* *04/02/02*	*GT-15* *GW-18631-RW-025* *10/18/01*	*GT-15* *GW-18631-RW-25* *04/04/02*	*GT-16* *GW-18631-RW-019* *10/17/01*
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.1
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ	1.0 U
1,1,2-Trichloroethane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	5	-	1 U	-	1 U	-	-	-
1,2-Dichloroethane	µg/L	0.6	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
1,2,3-Trichloropropane	µg/L	0.04	-	1 U	-	1 U	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	1 U	-	1 U	-	-	-
2-Butanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5.0 UJ	5 U	5.0 U
2-Hexanone	µg/L	50	5.0 U	5 UJ	5.0 U	5 UJ	5.0 UJ	5 U	5.0 U
4-Methyl-2-pentanone	µg/L	-	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U	5.0 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	1.1[a]	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromoform	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Bromomethane	µg/L	5	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 UJ	1 U	1.0 UJ	1 U	1.0 U	1 U	1.0 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Chloroethane	µg/L	5	2.0 UJ	2 U	2.0 UJ	2 U	2.0 UJ	2 U	2.0 U
Chloroform (Trichloromethane)	µg/L	7	1.0 U	1 U	1.0 U	1 U	1.0 U	0.49 J	1.0 U
Chloromethane	µg/L	-	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U
cis-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Dibromochloromethane	µg/L	50	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Isopropylbenzene	µg/L	5	-	1 U	-	1 U	-	-	-
Methylene chloride	µg/L	5	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U
n-Propylbenzene	µg/L	5	-	1 U	-	1 U	-	-	-
Styrene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 UJ	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Toluene	µg/L	5	1.0 U	0.33 J	1.0 U	1 U	1.0 U	0.65 J	1.0 U
trans-1,2-Dichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1 U	1.0 U	1 U	4.3	2.8	1.0 U
Vinyl chloride	µg/L	2	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U	2.0 U
Xylene (total)	µg/L	5 (b)	3.0 U	3 U	3.0 U	3 U	3.0 U	3 U	3.0 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-13*	*GT-13*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-16*
Sample ID:		*NYSDEC*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 U
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	50 U	50 U	50 U	R	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 U
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 UJ	50 U	50 UJ
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-13*	*GT-13*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-16*
Sample ID:		*NYSDEC*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.36 J	0.5 U	0.50 U	0.48 U	0.46 U	0.5 U	0.49 U
Metals									
Aluminum	µg/L	-	14.6 U	200 U	2830	465	23.8 U	200 U	544
Antimony	µg/L	3	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U	4.1 U
Arsenic	µg/L	25	2.0 U	10 U	2.0 U	10 U	2.0 U	10 U	2.1
Barium	µg/L	1000	88.7	36.8	44.9	33	44.2	43.6	38.7
Beryllium	µg/L	3	0.077 U	5 U	0.24 U	5 U	0.077 U	5 U	0.090 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U	0.63 U
Calcium	µg/L	-	132000 J	110000	118000 J	116000	73300	69400	116000
Chromium	µg/L	50	2.8	10 U	7.6	10 U	1.8	10 U	**99.6[a]**
Cobalt	µg/L	-	2.6 U	50 U	2.6	50 U	2.6 U	50 U	2.6 U
Copper	µg/L	200	2.3	25 U	10.0	2	4.3 U	25 U	3.8 U
Iron	µg/L	300	194	70.8	**4710[a]**	**655[a]**	16.5 U	100 U	**1300[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-13*	*GT-13*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-16*
Sample ID:		*NYSDEC*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Lead	µg/L	25	1.8 U	3 U	1.9	3 U	1.8 U	3 U	1.8 U
Magnesium	µg/L	35000	11300	12800	15600	14800	10900	10900	11700
Manganese	µg/L	300	**839[a]**	18.5	111	16.7	0.88 U	15 U	23.2
Mercury	µg/L	0.7	0.054 U	0.2 U	0.054 U	0.2 U	0.054 U	0.2 U	0.054 U
Nickel	µg/L	100	7.9 U	40 U	7.9 U	1.8	7.9 U	40 U	52.2
Potassium	µg/L	-	1360	646	2200	645	1070 U	600	1420 U
Selenium	µg/L	10	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U	3.2 U
Silver	µg/L	50	0.75 U	10 U	0.75 U	1.2	0.75 U	10 U	0.75 U
Sodium	µg/L	20000	**277000[a]**	**29800[a]**	2980	2710	**24600[a]**	**24900 J[a]**	**58900[a]**
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	10 U	5.7 U	10 U	5.7 U
Vanadium	µg/L	-	4.8	50 U	9.5	50 U	7.5 U	50 U	5.2 U
Zinc	µg/L	2000	10.9 U	20 U	51.3	20 U	3.2 U	20 U	3.8
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	0.09	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U
Pesticides									
4,4'-DDD	µg/L	0.3	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
4,4'-DDE	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
4,4'-DDT	µg/L	0.2	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Aldrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
alpha-BHC	µg/L	0.01	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
beta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Chlordane	µg/L	-	0.50 U	-	0.50 U	-	0.50 U	-	0.50 U
delta-BHC	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Dieldrin	µg/L	0.004	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endosulfan I	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endosulfan II	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endosulfan sulfate	µg/L	-	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin aldehyde	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin ketone	µg/L	5	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Endrin	µg/L	ND	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
gamma-BHC (Lindane)	µg/L	0.05	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Heptachlor epoxide	µg/L	0.03	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-13*	*GT-13*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-16*
Sample ID:		*NYSDEC*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-RW-004*	*GW-18631-RW-03*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-RW-019*
Sample Date:		*Class GA Groundwater*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/18/01*	*04/04/02*	*10/17/01*
Parameter	*Unit*	*Criteria*							
Heptachlor	µg/L	0.04	0.050 U	-	0.050 U	-	0.050 U	-	0.050 U
Methoxychlor	µg/L	35	0.10 U	-	0.10 U	-	0.10 U	-	0.10 U
Toxaphene	µg/L	0.06	2.0 U	-	2.0 U	-	2.0 U	-	2.0 U
General Chemistry									
Cyanide (total)	µg/L	200	10.0 U	-	10.0 U	-	10.0 U	-	10.0 U
Phenolics (Total)	mg/L	1	0.010 U	-	0.010 U	-	0.010 U	-	0.010 U

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-16*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*
Sample Date:		*Class GA Groundwater*	*04/04/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,1,2,2-Tetrachloroethane	µg/L	5	1 UJ	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,1,2-Trichloroethane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,1-Dichloroethane	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,1-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	**1500[a]**
1,2-Dichloroethane	µg/L	0.6	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,2-Dichloropropane	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	25 U
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	**510[a]**
2-Butanone	µg/L	50	5 U	5.0 U	5 U	5.0 U	5 U	100 UJ	120 UJ
2-Hexanone	µg/L	50	5 U	5.0 U	5 UJ	5.0 U	5 UJ	100 UJ	120 UJ
4-Methyl-2-pentanone	µg/L	-	5 U	5.0 U	5 U	5.0 U	5 U	100 U	120 U
Acetone	µg/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	200 UJ	250 UJ
Benzene	µg/L	1	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Bromodichloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Bromoform	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Bromomethane	µg/L	5	2 U	1.0 U	2 U	1.0 U	2 U	20 U	50 U
Carbon disulfide	µg/L	-	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Carbon tetrachloride	µg/L	5	0.82 J	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Chlorobenzene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Chloroethane	µg/L	5	2 U	2.0 U	2 U	2.0 U	2 U	40 UJ	50 U
Chloroform (Trichloromethane)	µg/L	7	2	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Chloromethane	µg/L	-	2 U	2.0 U	2 UJ	2.0 U	2 UJ	40 U	50 U
cis-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Dibromochloromethane	µg/L	50	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Ethylbenzene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Isopropylbenzene	µg/L	5	-	-	-	-	-	-	**85 J[a]**
Methylene chloride	µg/L	5	2 U	2.0 U	2 U	2.0 U	2 U	40 U	50 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	**110 J[a]**
Styrene	µg/L	5	1 UJ	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Tetrachloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Toluene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
trans-1,2-Dichloroethene	µg/L	5	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1.0 U	1 U	1.0 U	1 U	20 U	25 U
Trichloroethene	µg/L	5	**13[a]**	1.0 U	0.59 J	1.0 U	1 U	20 U	25 U
Vinyl chloride	µg/L	2	2 U	2.0 U	2 U	2.0 U	2 U	40 U	50 U
Xylene (total)	µg/L	5 (b)	3 U	3.0 U	3 U	3.0 U	3 U	**670[a]**	**880 J[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-16*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*
Sample Date:		*Class GA*	*04/04/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Groundwater Criteria*							
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	R	50 U	R	50 U	R	50 U	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*GT-16* *GW-18631-RW-24* *04/04/02*	*SMW-1* *GW-18631-RW-014* *10/17/01*	*SMW-1* *GW-18631-RW-17* *04/03/02*	*SMW-2* *GW-18631-RW-012* *10/17/01*	*SMW-2* *GW-18631-RW-16* *04/03/02*	*VRI-1* *GW-18631-RW-024* *10/18/01*	*VRI-1* *GW-18631-RW-06* *04/02/02*
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	2.7 J	5 J
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	6.8	4.3
Metals									
Aluminum	µg/L	-	200 U	32.5 U	200 U	72.7 U	200 U	251	76.2
Antimony	µg/L	3	60 U	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U
Arsenic	µg/L	25	10 U	2.0 U	10 U	2.0 U	10 U	2.0 U	10 U
Barium	µg/L	1000	41	58.5	61.6	41.2	48.3	45.2	43.9
Beryllium	µg/L	3	5 U	0.077 U	5 U	0.23 U	5 U	0.090 U	5 U
Cadmium	µg/L	5	5 U	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	90200	143000 J	161000	119000 J	139000	120000	134000
Chromium	µg/L	50	10 U	9.1	10 U	**133[a]**	**212[a]**	1.8	10 U
Cobalt	µg/L	-	50 U	2.6 U	50 U	2.6 U	50 U	2.6 U	50 U
Copper	µg/L	200	25 U	1.3 U	1.3	6.3 U	8.7	2.6 U	1.3
Iron	µg/L	300	100 U	130	122	**1640[a]**	**2000[a]**	**336[a]**	88.2

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-16*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*
Sample Date:		*Class GA Groundwater*	*04/04/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Lead	µg/L	25	3 U	1.8 U	3 U	1.8 U	3 U	1.8 U	3 U
Magnesium	µg/L	35000	13900	16400	19300	12300	14500	16000	16600
Manganese	µg/L	300	10	19.2	9.8	21.0	6.2	209	**538[a]**
Mercury	µg/L	0.7	0.2 U	0.061 U	0.2 U	0.085 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	40 U	40.8	48	36.5	40	7.9 U	2.5
Potassium	µg/L	-	910	1020 U	816	772 U	691	1780 U	872
Selenium	µg/L	10	5 U	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	10 U	0.75 U	0.79	0.75 U	10 U	0.80	10 U
Sodium	µg/L	20000	**42100 J[a]**	**94100[a]**	**77700[a]**	**55400[a]**	**52500[a]**	7450	3340
Thallium	µg/L	0.5	10 U	5.7 U	10 U	7.0 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	50 U	4.1 U	50 U	4.1 U	50 U	6.4 U	50 U
Zinc	µg/L	2000	20 U	6.0 U	5.2	3.2 U	20 U	3.2 U	20 U
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
alpha-BHC	µg/L	0.01	-	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	-	0.050 U	-	0.050 U	-	**0.0051 J[a]**	-
Endosulfan I	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	-	0.050 U	-	0.050 U	-	**0.026 J[a]**	-
gamma-BHC (Lindane)	µg/L	0.05	-	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	-	0.050 U	-	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*GT-16*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*
Sample ID:		*NYSDEC*	*GW-18631-RW-24*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-RW-024*	*GW-18631-RW-06*
Sample Date:		*Class GA Groundwater*	*04/04/02*	*10/17/01*	*04/03/02*	*10/17/01*	*04/03/02*	*10/18/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Heptachlor	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	-	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	-	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	-	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	-	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
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RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-1*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*
Sample ID:		*NYSDEC*	*GW-18631-RW-07*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*
Sample Date:		*Class GA Groundwater*	*04/02/02 Duplicate*	*10/18/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
Parameter	*Unit*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1,2-Trichloroethane	µg/L	1	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethane	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,1-Dichloroethene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,4-Trimethylbenzene	µg/L	5	**1100[a]**	-	1 U	-	1 U	-	-
1,2-Dichloroethane	µg/L	0.6	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2-Dichloropropane	µg/L	1	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
1,2,3-Trichloropropane	µg/L	0.04	50 U	-	1 U	-	1 U	-	-
1,3,5-Trimethylbenzene	µg/L	5	**370[a]**	-	1 U	-	1 U	-	-
2-Butanone	µg/L	50	250 UJ	5.0 U	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
2-Hexanone	µg/L	50	250 UJ	5.0 U	5 UJ	5.0 U	5 UJ	5.0 U	5 UJ
4-Methyl-2-pentanone	µg/L	-	250 U	5.0 U	5 U	5.0 U	5 U	5.0 U	5 U
Acetone	µg/L	50	500 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	1	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromodichloromethane	µg/L	50	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromoform	µg/L	50	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Bromomethane	µg/L	5	100 U	1.0 U	2 U	1.0 U	2 U	1.0 U	2 U
Carbon disulfide	µg/L	-	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Carbon tetrachloride	µg/L	5	50 U	1.0 U	1 U	1.0 UJ	1 U	1.0 UJ	1 U
Chlorobenzene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloroethane	µg/L	5	100 UJ	2.0 U	2 U	2.0 UJ	2 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	µg/L	7	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Chloromethane	µg/L	-	100 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
cis-1,2-Dichloroethene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Dibromochloromethane	µg/L	50	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Ethylbenzene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Isopropylbenzene	µg/L	5	**39 J[a]**	-	1 U	-	1 U	-	-
Methylene chloride	µg/L	5	**380 J[a]**	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
n-Propylbenzene	µg/L	5	**940 J[a]**	-	1 U	-	1 U	-	-
Styrene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Tetrachloroethene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Toluene	µg/L	5	50 U	1.0 U	0.34 J	1.0 U	1 U	1.0 U	1 U
trans-1,2-Dichloroethene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Trichloroethene	µg/L	5	50 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1 U
Vinyl chloride	µg/L	2	100 U	2.0 U	2 U	2.0 U	2 U	2.0 U	2 U
Xylene (total)	µg/L	5 (b)	**510 J[a]**	3.0 U	3 U	3.0 U	3 U	3.0 U	3 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*VRI-1 GW-18631-RW-07 04/02/02 Duplicate*	*VRI-2 GW-18631-RW-023 10/18/01*	*VRI-2 GW-18631-RW-09 04/02/02*	*VRI-3 GW-18631-RW-002 10/16/01*	*VRI-3 GW-18631-RW-02 04/02/02*	*VRI-4 GW-18631-RW-001 10/16/01*	*VRI-4 GW-18631-RW-01 04/02/02*
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
2,4-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
3-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ
4-Bromophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	µg/L	1 (c)	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*VRI-1 GW-18631-RW-07 04/02/02 Duplicate*	*VRI-2 GW-18631-RW-023 10/18/01*	*VRI-2 GW-18631-RW-09 04/02/02*	*VRI-3 GW-18631-RW-002 10/16/01*	*VRI-3 GW-18631-RW-02 04/02/02*	*VRI-4 GW-18631-RW-001 10/16/01*	*VRI-4 GW-18631-RW-01 04/02/02*
Carbazole	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Hexachloroethane	µg/L	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10	4.8 J	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 (c)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1 (c)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	4.6	0.46 U	0.47 U	0.47 U	0.48 U	0.47 U	0.48 U
Metals									
Aluminum	µg/L	-	200 U	124	200 U	950	2900	3470	6490
Antimony	µg/L	3	60 U	4.1 U	60 U	4.1 U	60 U	4.1 U	60 U
Arsenic	µg/L	25	10 U	2.0 U	10 U	2.0 U	10 U	2.0 U	4
Barium	µg/L	1000	42.5	40.4	43.8	49.0	59.9	73.5	96.4
Beryllium	µg/L	3	5 U	0.12 U	5 U	0.080 U	5 U	0.18 U	5 U
Cadmium	µg/L	5	5 U	0.63 U	5 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	131000	123000	123000	114000 J	125000	120000 J	134000
Chromium	µg/L	50	10 U	2.5	10 U	3.1	10 U	6.3	11.3
Cobalt	µg/L	-	50 U	2.6 U	50 U	2.6 U	50 U	2.6 U	4.2
Copper	µg/L	200	25 U	7.4 U	25 U	2.9	5.2	6.3	11
Iron	µg/L	300	56.5	157	100 U	**1470[a]**	**4220[a]**	**5990[a]**	**10600[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*VRI-1 GW-18631-RW-07 04/02/02 Duplicate*	*VRI-2 GW-18631-RW-023 10/18/01*	*VRI-2 GW-18631-RW-09 04/02/02*	*VRI-3 GW-18631-RW-002 10/16/01*	*VRI-3 GW-18631-RW-02 04/02/02*	*VRI-4 GW-18631-RW-001 10/16/01*	*VRI-4 GW-18631-RW-01 04/02/02*
Lead	µg/L	25	3 U	1.8 U	3 U	1.8 U	3 U	1.8 U	4.6
Magnesium	µg/L	35000	16400	15200	16500	16900	17700	18200	19000
Manganese	µg/L	300	**525**[a]	19.4	3.8	47.1	93.3	**384**[a]	**814**[a]
Mercury	µg/L	0.7	0.2 U	0.054 U	0.2 U	0.44	0.2 U	0.096 U	0.2 U
Nickel	µg/L	100	2.4	7.9 U	40 U	7.9 U	4.3	12.2	12.6
Potassium	µg/L	-	890	1650 U	645	2250	1550	4220	3920
Selenium	µg/L	10	5 U	3.2 U	5 U	3.2 U	5 U	3.2 U	5 U
Silver	µg/L	50	10 U	0.75 U	10 U	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	3260	9850	7460	8420	9270	12200	16100
Thallium	µg/L	0.5	10 U	**11.0**[a]	10 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	50 U	7.4 U	50 U	4.7	6	6.6	15.2
Zinc	µg/L	2000	20 U	5.5	20 U	31.0 U	13.7	27.4 U	29.5
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	-	1.0 U	-	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	-	0.050 U	-	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
alpha-BHC	µg/L	0.01	-	0.050 U	-	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	-	0.50 U	-	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	-	0.050 U	-	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	-	0.050 U	-	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	-	0.050 U	-	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	-	0.050 U	-	0.050 U	-	0.050 U	-

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OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-1*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*
Sample ID:		*NYSDEC*	*GW-18631-RW-07*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-RW-002*	*GW-18631-RW-02*	*GW-18631-RW-001*	*GW-18631-RW-01*
Sample Date:		*Class GA*	*04/02/02*	*10/18/01*	*04/02/02*	*10/16/01*	*04/02/02*	*10/16/01*	*04/02/02*
		Groundwater	*Duplicate*						
Parameter	*Unit*	*Criteria*							
Heptachlor	µg/L	0.04	-	0.050 U	-	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	-	0.10 U	-	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	-	2.0 U	-	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	-	10.0 U	-	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	-	0.010 U	-	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-5*	*VRI-5*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA*	*11/29/01*	*04/04/02*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	1 U	1 U	1.0 U	1.3	0.96 J	1.0 U	5 U
1,1,2,2-Tetrachloroethane	µg/L	5	1 U	1 UJ	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1,2-Trichloroethane	µg/L	1	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1-Dichloroethane	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
1,1-Dichloroethene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2,4-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2-Dichloropropane	µg/L	1	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
1,2,3-Trichloropropane	µg/L	0.04	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/L	5	-	-	-	-	-	-	-
2-Butanone	µg/L	50	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	25 U
2-Hexanone	µg/L	50	5 U	5 U	5.0 U	5.0 U	5 UJ	5.0 U	25 UJ
4-Methyl-2-pentanone	µg/L	-	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	25 U
Acetone	µg/L	50	38 J	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	50 UJ
Benzene	µg/L	1	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	**130[a]**
Bromodichloromethane	µg/L	50	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Bromoform	µg/L	50	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Bromomethane	µg/L	5	2 UJ	2 U	1.0 U	1.0 U	2 U	1.0 U	10 U
Carbon disulfide	µg/L	-	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Carbon tetrachloride	µg/L	5	1 U	1 U	2.1	1.0 U	1 U	1.2	5 U
Chlorobenzene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Chloroethane	µg/L	5	2 U	2 U	2.0 U	2.0 U	2 U	2.0 U	10 U
Chloroform (Trichloromethane)	µg/L	7	0.56 J	1 U	2.2	1.0 U	1 U	2.8	5 U
Chloromethane	µg/L	-	2 U	2 U	2.0 U	2.0 U	2 UJ	2.0 U	10 UJ
cis-1,2-Dichloroethene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
cis-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Dibromochloromethane	µg/L	50	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Ethylbenzene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	**88[a]**
Isopropylbenzene	µg/L	5	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	2 U	2 U	2.0 U	2.0 U	2 U	2.0 U	10 U
n-Propylbenzene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	1 U	1 UJ	1.0 U	1.0 U	1 U	1.0 U	5 U
Tetrachloroethene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Toluene	µg/L	5	0.25 J	0.3 J	1.0 U	1.0 U	0.45 J	1.0 U	**6.6[a]**
trans-1,2-Dichloroethene	µg/L	5	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
trans-1,3-Dichloropropene	µg/L	0.4 (a)	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	5 U
Trichloroethene	µg/L	5	1 U	1 U	1.5	1.0 U	1 U	**19[a]**	2.1 J
Vinyl chloride	µg/L	2	2 U	2 U	2.0 U	2.0 U	2 U	2.0 U	10 U
Xylene (total)	µg/L	5 (b)	3 U	3 U	3.0 U	3.0 U	3 U	3.0 U	**360[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-5*	*VRI-5*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA*	*11/29/01*	*04/04/02*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*							
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
1,2-Dichlorobenzene	µg/L	3	50 U	10 U	10 U	10 U	10 U	10 U	20 U
1,3-Dichlorobenzene	µg/L	3	50 U	10 U	10 U	10 U	10 U	10 U	20 U
1,4-Dichlorobenzene	µg/L	3	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,2'-oxybis(1-Chloropropane)	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,4,5-Trichlorophenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,4,6-Trichlorophenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dichlorophenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dimethylphenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dinitrophenol	µg/L	1 (c)	250 U	50 UJ	50 U	50 U	50 UJ	50 U	100 UJ
2,4-Dinitrotoluene	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2,6-Dinitrotoluene	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Chloronaphthalene	µg/L	10	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Chlorophenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Methyl naphthalene	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	88
2-Methylphenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Nitroaniline	µg/L	5	250 U	50 U	50 U	50 U	50 U	50 U	100 U
2-Nitrophenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
3,3'-Dichlorobenzidine	µg/L	5	250 U	R	50 U	50 U	R	50 U	R
3-Nitroaniline	µg/L	5	250 U	50 U	50 U	50 U	50 U	50 U	100 U
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	250 U	50 UJ	50 U	50 U	50 UJ	50 U	100 UJ
4-Bromophenyl phenyl ether	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Chloro-3-methylphenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Chloroaniline	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Chlorophenyl phenyl ether	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Methylphenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Nitroaniline	µg/L	5	250 U	50 U	50 U	50 U	50 U	50 U	100 U
4-Nitrophenol	µg/L	1 (c)	250 U	50 U	50 UJ	50 UJ	50 U	50 UJ	100 U
Acenaphthene	µg/L	20	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Acenaphthylene	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Anthracene	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzo(a)anthracene	µg/L	0.002	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzo(a)pyrene	µg/L	ND	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzo(b)fluoranthene	µg/L	0.002	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzo(g,h,i)perylene	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzo(k)fluoranthene	µg/L	0.002	50 U	10 U	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethoxy)methane	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethyl)ether	µg/L	1	50 U	10 U	0.70 J	10 U	10 U	10 U	20 U
bis(2-Ethylhexyl)phthalate	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Butyl benzylphthalate	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U

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VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location: / *Sample ID:* / *Sample Date:* / *Parameter*	*Unit*	*NYSDEC Class GA Groundwater Criteria*	*VRI-5 GW-112701-BP-001 11/29/01*	*VRI-5 GW-18631-RW-23 04/04/02*	*VRI-6 GW-18631-RW-022 10/18/01*	*VRI-7 GW-18631-RW-020 10/18/01*	*VRI-7 GW-18631-RW-20 04/03/02*	*VRI-8 GW-18631-RW-018 10/17/01*	*VRI-8 GW-18631-RW-14 04/03/02*
Carbazole	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Chrysene	µg/L	0.002	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Dibenz(a,h)anthracene	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Dibenzofuran	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Diethyl phthalate	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Dimethyl phthalate	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Di-n-butylphthalate	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Di-n-octyl phthalate	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Fluoranthene	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Fluorene	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorobenzene	µg/L	0.04	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorobutadiene	µg/L	0.5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorocyclopentadiene	µg/L	5	250 UJ	50 U	50 U	50 U	50 U	50 U	100 U
Hexachloroethane	µg/L	5	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Isophorone	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Naphthalene	µg/L	10	50 U	10 U	10 U	10 U	10 U	10 U	**130[a]**
Nitrobenzene	µg/L	0.4	50 U	10 U	10 U	10 U	10 U	10 U	20 U
N-Nitrosodi-n-propylamine	µg/L	-	50 U	10 U	10 U	10 U	10 U	10 U	20 U
N-Nitrosodiphenylamine	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Pentachlorophenol	µg/L	1 (c)	250 U	50 U	50 U	50 U	50 U	50 U	100 U
Phenanthrene	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Phenol	µg/L	1 (c)	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Pyrene	µg/L	50	50 U	10 U	10 U	10 U	10 U	10 U	20 U
Total Petroleum Hydrocarbons									
TPH (C21-C28)	mg/L	-	1.7	2	0.40 J	0.48 U	0.48 U	0.50 U	23
Metals									
Aluminum	µg/L	-	75100	4230	4500	151	350	26.9 U	294
Antimony	µg/L	3	4.1 U	60 U	4.1 U	4.1 U	60 U	4.1 U	60 U
Arsenic	µg/L	25	**54.1[a]**	19.6	3.9	2.0 U	10 U	2.0 U	10 U
Barium	µg/L	1000	**1110[a]**	198	64.6	82.5	196	41.9	112
Beryllium	µg/L	3	2.6	5 U	0.28 U	0.090 U	5 U	0.077 U	5 U
Cadmium	µg/L	5	0.63 U	5 U	0.63 U	0.63 U	5 U	0.63 U	5 U
Calcium	µg/L	-	1030000	112000	98600	159000	343000	90400	156000
Chromium	µg/L	50	**112[a]**	23.6 J	9.2	1.6	10 U	2.1	10 U
Cobalt	µg/L	-	55	50 U	2.7	2.6 U	50 U	2.6 U	4.5
Copper	µg/L	200	**202[a]**	9.2	14.0 U	3.9 U	2.2	3.0 U	1.6
Iron	µg/L	300	**130000[a]**	**5340 J[a]**	**6640[a]**	211	**555[a]**	38.5 U	**388[a]**

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-5*	*VRI-5*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA*	*11/29/01*	*04/04/02*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*							
Lead	µg/L	25	**57.3[a]**	5 U	3.2	1.8 U	3 U	1.9	3 U
Magnesium	µg/L	35000	**114000[a]**	24400	17500	19300	**45600[a]**	13400	20300
Manganese	µg/L	300	**3270[a]**	216	285	11.2	23.2	1.2 U	**5290[a]**
Mercury	µg/L	0.7	0.19	0.2 U	0.054 U	0.054 U	0.2 U	0.054 U	0.2 U
Nickel	µg/L	100	**110[a]**	11.9	7.9 U	7.9 U	4.5	7.9 U	6.7
Potassium	µg/L	-	17600	2990	5610 U	1570 U	1760	1250 U	1340
Selenium	µg/L	10	3.2 U	5 U	3.2 U	3.2 U	5 U	3.8	5 U
Silver	µg/L	50	0.75 U	10 U	0.75 U	0.75 U	10 U	0.75 U	10 U
Sodium	µg/L	20000	**29200[a]**	10000 J	**77600[a]**	**192000[a]**	**291000[a]**	**42400[a]**	**203000[a]**
Thallium	µg/L	0.5	5.7 U	10 U	5.7 U	5.7 U	10 U	5.7 U	10 U
Vanadium	µg/L	-	124	9.5	13.8 U	4.1 U	50 U	5.0 U	50 U
Zinc	µg/L	2000	523	32.8	31.1	3.2 U	7.5	3.2 U	20 U
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1221 (PCB-1221)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1232 (PCB-1232)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1242 (PCB-1242)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1248 (PCB-1248)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1254 (PCB-1254)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Aroclor-1260 (PCB-1260)	µg/L	0.09	1 U	-	1.0 U	1.0 U	-	1.0 U	-
Pesticides									
4,4'-DDD	µg/L	0.3	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
4,4'-DDE	µg/L	0.2	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
4,4'-DDT	µg/L	0.2	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Aldrin	µg/L	ND	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
alpha-BHC	µg/L	0.01	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
beta-BHC	µg/L	0.04	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Chlordane	µg/L	-	0.5 U	-	0.50 U	0.50 U	-	0.50 U	-
delta-BHC	µg/L	0.04	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Dieldrin	µg/L	0.004	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endosulfan I	µg/L	-	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endosulfan II	µg/L	-	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endosulfan sulfate	µg/L	-	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endrin aldehyde	µg/L	5	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endrin ketone	µg/L	5	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Endrin	µg/L	ND	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
gamma-BHC (Lindane)	µg/L	0.05	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Heptachlor epoxide	µg/L	0.03	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-

GROUNDWATER ANALYTICAL RESULTS - SUMMARY
OCTOBER 2001 - APRIL 2002
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENEDTADY, NEW YORK

Sample Location:			*VRI-5*	*VRI-5*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-8*	*VRI-8*
Sample ID:		*NYSDEC*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-RW-022*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-RW-018*	*GW-18631-RW-14*
Sample Date:		*Class GA*	*11/29/01*	*04/04/02*	*10/18/01*	*10/18/01*	*04/03/02*	*10/17/01*	*04/03/02*
Parameter	*Unit*	*Groundwater Criteria*							
Heptachlor	µg/L	0.04	0.05 U	-	0.050 U	0.050 U	-	0.050 U	-
Methoxychlor	µg/L	35	0.1 U	-	0.10 U	0.10 U	-	0.10 U	-
Toxaphene	µg/L	0.06	2 U	-	2.0 U	2.0 U	-	2.0 U	-
General Chemistry									
Cyanide (total)	µg/L	200	10 U	-	10.0 U	10.0 U	-	10.0 U	-
Phenolics (Total)	mg/L	1	0.01 U	-	0.011	0.010 U	-	0.010 U	-

Notes:

ND - Non-detect at associated value
U - Non-detect at associated value
J - Associated value is considered estimated
[ ] - NYSDEC Class GA exceedance
- - Not analyzed
(a) - Standard applies to sum of cis- and trans-1,3-dichloroprop
(b) - Standard applies to m-, o-, and p-xylene individually
(c) - Standard applies to sum of all phenolic parameters

TABLE 4.3

SOIL STATISTICS SUMMARY
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*NYSDEC TAGM 4046 Recommended Soil Cleanup Objective*	*Total Number of Samples*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Volatiles							
1,1,1-Trichloroethane	µg/kg	800	41	ND	ND	0	0
1,1,2,2-Tetrachloroethane	µg/kg	600	41	ND	ND	0	0
1,1,2-Trichloroethane	µg/kg	-	41	ND	ND	0	0
1,1-Dichloroethane	µg/kg	200	41	ND	ND	0	0
1,1-Dichloroethene	µg/kg	400	41	ND	ND	0	0
1,2-Dichloroethane	µg/kg	100	41	ND	ND	0	0
1,2-Dichloropropane	µg/kg	-	41	ND	ND	0	0
2-Butanone	µg/kg	300	41	3.2	3.2	1	0
2-Hexanone	µg/kg	-	41	ND	ND	0	0
4-Methyl-2-pentanone	µg/kg	-	41	ND	ND	0	0
Acetone	µg/kg	200	41	13	13	1	0
Benzene	µg/kg	60	41	ND	ND	0	0
Bromodichloromethane	µg/kg	-	41	ND	ND	0	0
Bromoform	µg/kg	-	41	ND	ND	0	0
Bromomethane	µg/kg	-	41	ND	ND	0	0
Carbon disulfide	µg/kg	2700	41	ND	ND	0	0
Carbon tetrachloride	µg/kg	600	41	ND	ND	0	0
Chlorobenzene	µg/kg	1700	41	ND	ND	0	0
Chloroethane	µg/kg	1900	41	ND	ND	0	0
Chloroform (Trichloromethane)	µg/kg	300	41	ND	ND	0	0
Chloromethane	µg/kg	-	41	ND	ND	0	0
cis-1,2-Dichloroethene	µg/kg	-	41	ND	ND	0	0
cis-1,3-Dichloropropene	µg/kg	-	41	ND	ND	0	0
Dibromochloromethane	µg/kg	-	41	ND	ND	0	0
Ethylbenzene	µg/kg	5500	41	2.3	210	3	0
Methylene chloride	µg/kg	100	41	ND	ND	0	0
Styrene	µg/kg	-	41	ND	ND	0	0
Tetrachloroethene	µg/kg	1400	41	1.7	1.7	1	0
Toluene	µg/kg	1500	41	1.2	34	25	0
trans-1,2-Dichloroethene	µg/kg	300	41	ND	ND	0	0
trans-1,3-Dichloropropene	µg/kg	-	41	ND	ND	0	0
Trichloroethene	µg/kg	700	41	ND	ND	0	0
Vinyl chloride	µg/kg	200	41	ND	ND	0	0
Xylene (total)	µg/kg	1200	41	14	14000	3	1

TABLE 4.3

SOIL STATISTICS SUMMARY
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*NYSDEC TAGM 4046 Recommended Soil Cleanup Objective*	*Total Number of Samples*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	3400	41	ND	ND	0	0
1,2-Dichlorobenzene	µg/kg	7900	41	ND	ND	0	0
1,3-Dichlorobenzene	µg/kg	1600	41	ND	ND	0	0
1,4-Dichlorobenzene	µg/kg	8500	41	ND	ND	0	0
2,2'-oxybis(1-Chloropropane)	µg/kg	-	41	ND	ND	0	0
2,4,5-Trichlorophenol	µg/kg	100	41	ND	ND	0	0
2,4,6-Trichlorophenol	µg/kg	-	41	ND	ND	0	0
2,4-Dichlorophenol	µg/kg	400	41	ND	ND	0	0
2,4-Dimethylphenol	µg/kg	-	41	240	5600	3	0
2,4-Dinitrophenol	µg/kg	200 or MDL	41	ND	ND	0	0
2,4-Dinitrotoluene	µg/kg	-	41	ND	ND	0	0
2,6-Dinitrotoluene	µg/kg	1	41	ND	ND	0	0
2-Chloronaphthalene	µg/kg	-	41	ND	ND	0	0
2-Chlorophenol	µg/kg	800	41	ND	ND	0	0
2-Methyl naphthalene	µg/kg	36400	41	41	41	1	0
2-Methylphenol	µg/kg	100 or MDL	41	ND	ND	0	0
2-Nitroaniline	µg/kg	430 or MDL	41	ND	ND	0	0
2-Nitrophenol	µg/kg	330 or MDL	41	ND	ND	0	0
3,3'-Dichlorobenzidine	µg/kg	-	41	ND	ND	0	0
3-Nitroaniline	µg/kg	500 or MDL	41	ND	ND	0	0
4,6-Dinitro-2-methylphenol	µg/kg	-	41	ND	ND	0	0
4-Bromophenyl phenyl ether	µg/kg	-	41	ND	ND	0	0
4-Chloro-3-methylphenol	µg/kg	240 or MDL	41	ND	ND	0	0
4-Chloroaniline	µg/kg	220 or MDL	41	ND	ND	0	0
4-Chlorophenyl phenyl ether	µg/kg	-	41	ND	ND	0	0
4-Methylphenol	µg/kg	900	41	ND	ND	0	0
4-Nitroaniline	µg/kg	-	41	ND	ND	0	0
4-Nitrophenol	µg/kg	100 or MDL	41	ND	ND	0	0
Acenaphthene	µg/kg	50,000	41	100	100	1	0
Acenaphthylene	µg/kg	41000	41	ND	ND	0	0
Anthracene	µg/kg	50000	41	210	210	1	0
Benzo(a)anthracene	µg/kg	224 or MDL	41	39	320	4	1
Benzo(a)pyrene	µg/kg	61 or MDL	41	56	270	3	2
Benzo(b)fluoranthene	µg/kg	1100	41	41	200	4	0
Benzo(g,h,i)perylene	µg/kg	50000	41	42	210	4	0
Benzo(k)fluoranthene	µg/kg	1100	41	45	240	4	0
bis(2-Chloroethoxy)methane	µg/kg	-	41	ND	ND	0	0
bis(2-Chloroethyl)ether	µg/kg	-	41	ND	ND	0	0
bis(2-Ethylhexyl)phthalate	µg/kg	50000	41	39	1000	24	0
Butyl benzylphthalate	µg/kg	50000	41	68	68	1	0
Carbazole	µg/kg	-	41	120	120	1	0
Chrysene	µg/kg	400	41	60	310	4	0

TABLE 4.3

SOIL STATISTICS SUMMARY
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*NYSDEC TAGM 4046 Recommended Soil Cleanup Objective*	*Total Number of Samples*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Di-n-butylphthalate	µg/kg	14 or MDL	41	150	150	1	1
Di-n-octyl phthalate	µg/kg	6200	41	ND	ND	0	0
Dibenz(a,h)anthracene	µg/kg	7100	41	44	50	2	0
Dibenzofuran	µg/kg	2000	41	64	64	1	0
Diethyl phthalate	µg/kg	8100	41	ND	ND	0	0
Dimethyl phthalate	µg/kg	50000	41	ND	ND	0	0
Fluoranthene	µg/kg	50000	41	49	760	5	0
Fluorene	µg/kg	50000	41	110	110	1	0
Hexachlorobenzene	µg/kg	410	41	ND	ND	0	0
Hexachlorobutadiene	µg/kg	-	41	ND	ND	0	0
Hexachlorocyclopentadiene	µg/kg	-	41	ND	ND	0	0
Hexachloroethane	µg/kg	-	41	ND	ND	0	0
Indeno(1,2,3-cd)pyrene	µg/kg	3200	41	41	210	4	0
Isophorone	µg/kg	4400	41	ND	ND	0	0
N-Nitrosodi-n-propylamine	µg/kg	13000	41	ND	ND	0	0
N-Nitrosodiphenylamine	µg/kg	200 or MDL	41	ND	ND	0	0
Naphthalene	µg/kg	-	41	89	380	2	0
Nitrobenzene	µg/kg	-	41	ND	ND	0	0
Pentachlorophenol	µg/kg	1000 or MDL	41	ND	ND	0	0
Phenanthrene	µg/kg	50000	41	43	750	4	0
Phenol	µg/kg	30 or MDL	41	86	86	1	1
Pyrene	µg/kg	50000	41	41	580	5	0
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	41	4.2	290	17	0
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1221 (PCB-1221)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1232 (PCB-1232)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1242 (PCB-1242)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1248 (PCB-1248)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1254 (PCB-1254)	µg/kg	1000	41	ND	ND	0	0
Aroclor-1260 (PCB-1260)	µg/kg	1000	41	ND	ND	0	0
General Chemistry							
Phenolics (Total)	mg/kg	-	41	2	2	1	0

Note:

Only detected compound concentrations were utilized when calculating maximum and minimum values.

TABLE 4.4

GROUNDWATER STATISTICS SUMMARY
RI REPORT
VON ROLLS ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*NYSDEC Water Quality Standards and Guidance Values (a)*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Volatiles						
1,1,1-Trichloroethane	µg/L	5	0.96	1.4	4	0
1,1,2,2-Tetrachloroethane	µg/L	5	ND	ND	0	0
1,1,2-Trichloroethane	µg/L	1	ND	ND	0	0
1,1-Dichloroethane	µg/L	5	ND	ND	0	0
1,1-Dichloroethene	µg/L	5	ND	ND	0	0
1,2,4-Trimethylbenzene	µg/L	5	380	1500	2	2
1,2-Dichloroethane	µg/L	0.6	ND	ND	0	0
1,2-Dichloropropane	µg/L	1	ND	ND	0	0
1,2,3-Trichloropropane	µg/L	0.04	ND	ND	0	0
1,3,5-Trimethylbenzene	µg/L	5	230	510	2	2
2-Butanone	µg/L	50	ND	ND	0	0
2-Hexanone	µg/L	50	ND	ND	0	0
4-Methyl-2-pentanone	µg/L	-	ND	ND	0	0
Acetone	µg/L	50	4.3	38	2	0
Benzene	µg/L	1	1.1	130	3	3
Bromodichloromethane	µg/L	50	ND	ND	0	0
Bromoform	µg/L	50	ND	ND	0	0
Bromomethane	µg/L	5	ND	ND	0	0
Carbon disulfide	µg/L	-	ND	ND	0	0
Carbon tetrachloride	µg/L	5	0.82	2.1	3	0
Chlorobenzene	µg/L	5	ND	ND	0	0
Chloroethane	µg/L	5	ND	ND	0	0
Chloroform (Trichloromethane)	µg/L	7	0.49	4.4	7	0
Chloromethane	µg/L	-	ND	ND	0	0
cis-1,2-Dichloroethene	µg/L	5	ND	ND	0	0
cis-1,3-Dichloropropene	µg/L	0.4 (a)	ND	ND	0	0
Dibromochloromethane	µg/L	50	ND	ND	0	0
Ethylbenzene	µg/L	5	8.4	88	3	3
Isopropylbenzene	µg/L	5	39	85	2	2
Methylene chloride	µg/L	5	380	380	0	0
n-Propylbenzene	µg/L	5	62	940	2	2
Styrene	µg/L	5	ND	ND	0	0
Tetrachloroethene	µg/L	5	ND	ND	0	0
Toluene	µg/L	5	0.24	6.6	17	2
trans-1,2-Dichloroethene	µg/L	5	ND	ND	0	0
trans-1,3-Dichloropropene	µg/L	0.4 (a)	ND	ND	0	0
Trichloroethene	µg/L	5	0.59	19	10	2
Vinyl chloride	µg/L	2	ND	ND	0	0
Xylene (total)	µg/L	5 (b)	8.2	880	6	6

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Parameter	*Unit*	*NYSDEC Water Quality Standards and Guidance Values (a)*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	ND	ND	0	0
1,2-Dichlorobenzene	µg/L	3	ND	ND	0	0
1,3-Dichlorobenzene	µg/L	3	ND	ND	0	0
1,4-Dichlorobenzene	µg/L	3	ND	ND	0	0
2,2'-oxybis(1-Chloropropane)	µg/L	-	ND	ND	0	0
2,4,5-Trichlorophenol	µg/L	1 (c)	ND	ND	0	0
2,4,6-Trichlorophenol	µg/L	1 (c)	ND	ND	0	0
2,4-Dichlorophenol	µg/L	1 (c)	ND	ND	0	0
2,4-Dimethylphenol	µg/L	1 (c)	3.1	3.1	1	1
2,4-Dinitrophenol	µg/L	1 (c)	ND	ND	0	0
2,4-Dinitrotoluene	µg/L	5	ND	ND	0	0
2,6-Dinitrotoluene	µg/L	5	ND	ND	0	0
2-Chloronaphthalene	µg/L	10	ND	ND	0	0
2-Chlorophenol	µg/L	1 (c)	ND	ND	0	0
2-Methyl naphthalene	µg/L	-	37	88	2	0
2-Methylphenol	µg/L	1 (c)	1.3	1.3	1	1
2-Nitroaniline	µg/L	5	ND	ND	0	0
2-Nitrophenol	µg/L	1 (c)	ND	ND	0	0
3,3'-Dichlorobenzidine	µg/L	5	ND	ND	0	0
3-Nitroaniline	µg/L	5	ND	ND	0	0
4,6-Dinitro-2-methylphenol	µg/L	1 (c)	ND	ND	0	0
4-Bromophenyl phenyl ether	µg/L	-	ND	ND	0	0
4-Chloro-3-methylphenol	µg/L	1 (c)	ND	ND	0	0
4-Chloroaniline	µg/L	5	ND	ND	0	0
4-Chlorophenyl phenyl ether	µg/L	-	ND	ND	0	0
4-Methylphenol	µg/L	1 (c)	ND	ND	0	0
4-Nitroaniline	µg/L	5	ND	ND	0	0
4-Nitrophenol	µg/L	1 (c)	ND	ND	0	0
Acenaphthene	µg/L	20	0.73	0.73	1	0
Acenaphthylene	µg/L	-	ND	ND	0	0
Anthracene	µg/L	50	ND	ND	0	0
Benzo(a)anthracene	µg/L	0.002	ND	ND	0	0
Benzo(a)pyrene	µg/L	ND	ND	ND	0	0
Benzo(b)fluoranthene	µg/L	0.002	ND	ND	0	0
Benzo(g,h,i)perylene	µg/L	-	ND	ND	0	0
Benzo(k)fluoranthene	µg/L	0.002	ND	ND	0	0
bis(2-Chloroethoxy)methane	µg/L	5	ND	ND	0	0
bis(2-Chloroethyl)ether	µg/L	1	0.7	0.7	1	0
bis(2-Ethylhexyl)phthalate	µg/L	5	ND	ND	0	0
Butyl benzylphthalate	µg/L	50	ND	ND	0	0
Carbazole	µg/L	-	ND	ND	0	0
Chrysene	µg/L	0.002	ND	ND	0	0

TABLE 4.4

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Parameter	*Unit*	*NYSDEC Water Quality Standards and Guidance Values (a)*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Dibenz(a,h)anthracene	µg/L	-	ND	ND	0	0
Dibenzofuran	µg/L	-	0.97	0.97	1	0
Diethyl phthalate	µg/L	50	ND	ND	1	0
Dimethyl phthalate	µg/L	50	3.2	3.2	0	0
Di-n-butylphthalate	µg/L	50	2.9	2.9	1	0
Di-n-octyl phthalate	µg/L	50	ND	ND	0	0
Fluoranthene	µg/L	50	ND	ND	0	0
Fluorene	µg/L	50	ND	ND	0	0
Hexachlorobenzene	µg/L	0.04	ND	ND	0	0
Hexachlorobutadiene	µg/L	0.5	ND	ND	0	0
Hexachlorocyclopentadiene	µg/L	5	ND	ND	0	0
Hexachloroethane	µg/L	5	ND	ND	0	0
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND	ND	0	0
Isophorone	µg/L	50	ND	ND	0	0
Naphthalene	µg/L	10	2.7	130	4	2
Nitrobenzene	µg/L	0.4	ND	ND	0	0
N-Nitrosodi-n-propylamine	µg/L	-	ND	ND	0	0
N-Nitrosodiphenylamine	µg/L	50	ND	ND	0	0
Pentachlorophenol	µg/L	1 (c)	ND	ND	0	0
Phenanthrene	µg/L	50	ND	ND	0	0
Phenol	µg/L	1 (c)	ND	ND	0	0
Pyrene	µg/L	50	ND	ND	0	0
Total Petroleum Hydrocarbons						
TPH (C21-C28)	mg/L	-	200	23,000	11	0
Metals						
Aluminum	µg/L	-	14.2	75100	25	0
Antimony	µg/L	3	4.4	4.7	2	2
Arsenic	µg/L	25	2	54.1	9	1
Barium	µg/L	1000	22.4	1110	46	1
Beryllium	µg/L	3	0.48	2.6	2	0
Cadmium	µg/L	5	0.72	0.94	2	0
Calcium	µg/L	-	67400	1030000	47	0
Chromium	µg/L	50	1.3	212	28	4
Cobalt	µg/L	-	2.6	55	9	0
Copper	µg/L	200	1.3	202	21	1
Iron	µg/L	300	52.3	130000	39	25
Lead	µg/L	25	1.9	57.3	11	1
Magnesium	µg/L	35000	4530	114000	46	2
Manganese	µg/L	300	1.6	5290	40	10
Mercury	µg/L	0.7	0.13	0.44	3	0

TABLE 4.4

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Parameter	*Unit*	*NYSDEC Water Quality Standards and Guidance Values (a)*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
Nickel	µg/L	100	1.8	110	22	1
Potassium	µg/L	-	46.1	17600	31	0
Selenium	µg/L	10	3.8	5.8	2	0
Silver	µg/L	50	0.79	1.6	5	0
Sodium	µg/L	20000	2710	587000	46	30
Thallium	µg/L	0.5	11	11	1	1
Vanadium	µg/L	-	2.8	124	12	0
Zinc	µg/L	2000	3.8	523	18	0
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	0.09	ND	ND	0	0
Aroclor-1221 (PCB-1221)	µg/L	0.09	ND	ND	0	0
Aroclor-1232 (PCB-1232)	µg/L	0.09	ND	ND	0	0
Aroclor-1242 (PCB-1242)	µg/L	0.09	2.5	3.7	1	1
Aroclor-1248 (PCB-1248)	µg/L	0.09	ND	ND	0	0
Aroclor-1254 (PCB-1254)	µg/L	0.09	ND	ND	0	0
Aroclor-1260 (PCB-1260)	µg/L	0.09	ND	ND	0	0
Pesticides						
4,4'-DDD	µg/L	0.3	0.01	0.01	1	0
4,4'-DDE	µg/L	0.2	0.0052	0.0097	2	0
4,4'-DDT	µg/L	0.2	ND	ND	0	0
Aldrin	µg/L	ND	ND	ND	0	0
alpha-BHC	µg/L	0.01	0.0089	0.0089	1	0
beta-BHC	µg/L	0.04	ND	ND	0	0
Chlordane	µg/L	-	ND	ND	0	0
delta-BHC	µg/L	0.04	ND	ND	0	0
Dieldrin	µg/L	0.004	0.0051	0.0056	2	2
Endosulfan I	µg/L	-	ND	ND	0	0
Endosulfan II	µg/L	-	0.017	0.017	1	0
Endosulfan sulfate	µg/L	-	ND	ND	0	0
Endrin aldehyde	µg/L	5	ND	ND	0	0
Endrin ketone	µg/L	5	ND	ND	0	0
Endrin	µg/L	ND	0.026	0.026	1	1
gamma-BHC (Lindane)	µg/L	0.05	0.018	0.018	1	0
Heptachlor epoxide	µg/L	0.03	0.0034	0.0034	1	0
Heptachlor	µg/L	0.04	ND	ND	0	0
Methoxychlor	µg/L	35	ND	ND	0	0
Toxaphene	µg/L	0.06	ND	ND	0	0

TABLE 4.4

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Parameter	*Unit*	*NYSDEC Water Quality Standards and Guidance Values (a)*	*Minimum Detect*	*Maximum Detect*	*Number of Detections*	*Number of Detections Above Criteria*
General Chemistry						
Cyanide (total)	µg/L	200	ND	ND	0	0
Phenolics (Total)	mg/L	1	0.011	0.011	1	0

Note:

Only detected compound concentrations were utilized when calculating maximum and minimum values.

TABLE 4.5

GROUNDWATER INORGANIC DATA SUMMARY
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Metals Analyte		*Background Wells* [1]		*Site Wells* [2]	
		Minimum	*Maximum*	*Minimum*	*Maximum*
Aluminum	ug/L	ND	18300	ND	7150
Antimony	ug/L	ND	0	ND	4.7
Arsenic	ug/L	ND	10.1	ND	19.6
Barium	ug/L	37.9	154	ND	198
Beryllium	ug/L	ND	ND	ND	0.48
Cadmium	ug/L	ND	ND	ND	0.94
Calcium	ug/L	82600	156000	ND	343000
Chromium	ug/L	ND	20.8	ND	212
Cobalt	ug/L	ND	15.3	ND	6.6
Copper	ug/L	ND	32.7	ND	19.4
Iron	ug/L	ND	32400	ND	12500
Lead	ug/L	ND	16.2	ND	6.8
Magnesium	ug/L	9160	20300	ND	45600
Manganese	ug/L	ND	5290	ND	2920
Mercury	ug/L	ND	ND	ND	0.44
Nickel	ug/L	ND	23	ND	52.2
Potassium	ug/L	ND	5920	ND	6930
Selenium	ug/L	ND	5.8	ND	ND
Silver	ug/L	ND	1.5	ND	1.6
Sodium	ug/L	3630	203000	ND	587000
Thallium	ug/L	ND	ND	ND	11
Vanadium	ug/L	ND	38.3	ND	16.8
Zinc	ug/L	ND	85.9	ND	51.3

Notes:
(1) Background monitoring wells GT-8 and VRI-8.
(2) All on-Site wells, excluding Round 2 data for well VRI-5.