CRA Infrastructure & Engineering, Inc.

FOCUSED FEASIBILITY STUDY

Prepared On Behalf of:
GE-Corporate Environmental Programs
Albany, New York

For:
Von Roll Isola USA Inc. Facility
Schenectady, New York

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1.0 INTRODUCTION

This Focused Feasibility Study (FFS) Report has been prepared on behalf of GE-Plastics, Pittsfield, Massachusetts for the Von Roll Isola USA, Inc. (VRI) Riverview facility in Schenectady, New York. The FFS was prepared in accordance with New York State Department of Environmental Conservation (NYSDEC) document "DER-10, Technical Guidance for Site Investigation and Remediation", May 2010, Chapter 4: Remedy Selection.

1.1 DESCRIPTION OF SITE LOCATION

The Riverview Facility is located off the north side of West Campbell Road in the Town of Rotterdam near the border of the City of Schenectady. The Site map is shown on Plan 1. The active manufacturing facility is currently listed in the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Waste Disposal Sites (Site No. 447005) as a Class 2 site.

The industrial property consists of approximately 52 acres, with 25 acres in active use as a liquid and solid insulation manufacturing facility. The active production area is fenced as shown on the attached Plan 1. The facility is bounded on the north by a steep embankment and the Delaware and Hudson (D&H) Railroad; the D&H Railroad and Rotterdam Square Mall to the west; Campbell Road and the Town of Rotterdam publicly owned treatment works (POTW), and Campbell Plastics to the south; and residential areas to the east.

The Site property is serviced by municipal water and is zoned as Heavy Industrial (I2).

2.0 DESCRIPTION OF SITE CONDITIONS

Several environmental studies, investigations, assessments, and remedial actions have been undertaken by General Electric Company (GE), VRI, and Insulating Materials Incorporated (IMI) at the facility. Table 2.1 provides a brief chronology of previous Facility investigations.

Brief descriptions of the various aspects of the Site such as physical setting, Site geology and hydrogeology, and the nature and extent of contamination are presented in the following sections. Detailed descriptions of the Site conditions are presented in the Remedial Investigation Report, CRA 2002.

2.1 PHYSICAL SITE DESCRIPTION

The Riverview facility is located within the Hudson-Mohawk Lowlands physiographic province of New York State. The general topography of the Mohawk Lowlands is the result of erosion along an outcrop belt of weak rocks lying between the Adirondack Mountains to the north and the Heldeberg Escarpment to the south. The bedrock in the area is overlain by a thick mantle of unconsolidated deposits of glacial origin. The Riverview facility is situated on a high, flat plateau about 80 feet above the Mohawk River Valley. The ground surface drops off quickly to the north-northeast toward the Mohawk River and more gently to the west and south.

2.2 SITE GEOLOGY

Overburden

Unconsolidated deposits underlying the facility consist primarily of a glaciolacustrine deltaic sand deposit. The glaciolacustrine deposit is best described as a light to medium brown fine to medium sand with a trace of silt. Based on Site borings, the percentage of silt appears to increase with depth. The texture of the sand deposit fines downward to clayey sands and silts at a depth of approximately 80 feet. Increased clay content is evident beyond 80 feet below ground surface (bgs), where at 95 feet bgs a clay confining unit, approximately 11 feet thick, was documented at deep borehole VRI-5, installed in 2001. Beyond the confining unit (approximately 106 feet bgs) a deeper water-bearing zone is composed of silty sand with varying amounts of clay to a depth of 122 feet bgs. Beyond this depth the specific nature of unconsolidated deposits is unknown. However, it is likely that the shale bedrock is directly overlain by some thickness of dense glacial

till. Typically, the bedrock is overlain by low permeability blanket-like glacial till deposits consisting of a mixture of sand, gravel, and clay.

Bedrock

Bedrock underlying the facility consists of black and gray shales and sandstones belonging to the Schenectady Formation. The Schenectady Formation consists of gray to black interbedded shales and graywackes of Middle Ordovician Age. The bedrock dips gently to the west-southwest at an angle of generally less than 5 degrees.

2.3 SITE HYDROGEOLOGY

The hydrogeologic conditions are summarized below:

- The most current groundwater contours (December 7, 2011) are shown on Figure 2.1
- Groundwater exists under unconfined conditions at a depth of approximately 60 to 70 feet bgs
- Groundwater flow in the overburden (glacial/glaciolacustrine deposits) is generally to the northeast and this general pattern is consistent with historical groundwater flow patterns
- An east-west trending groundwater divide historically identified in the western part of the Facility is not apparent on the recent December 4, 2001 to June 28, 2002 groundwater contours
- A low permeability confining unit was identified at well VRI-5 at a depth of approximately 95 feet bgs
- A groundwater mound was identified in the northeast portion of the Facility (centered at VRI-7 at 290 feet above mean sea level (AMSL)
- The horizontal hydraulic gradient ranges from 0.01 to 0.03 (exclusive of the groundwater mound) and is generally consistent with historical gradients
- A downward vertical hydraulic gradient was determined to be on the order of 0.52 feet per foot (ft/ft) (April 2002) to 0.56 ft/ft (January 2002) based on a newly installed deep aquifer well (i.e., VRI-5)
- The hydraulic conductivity values obtained from hydraulic testing of the VRI wells were found to range from 1.10×10^{-4} centimeters per second (cm/sec) to 4.14×10^{-2} cm/sec, with a geometric mean of approximately 5.4×10^{-3} cm/sec

2.4 NATURE AND EXTENT OF CONTAMINATION

The nature and extent of contamination at the Site including soil, groundwater, and soil vapor are summarized in the following sections.

2.4.1 SOIL CHEMISTRY

During the RI, a total of 23 soil borings (including 6 surface soil sampling locations) were completed, and a total of 41 soil samples were collected for chemical analysis. The soil borings were located to specifically investigate potential Areas of Concern identified during previous studies. Borehole and surface sampling locations are shown on Plan 2. Analytical data were compared to 6 NYCRR Part 375 (Part 375) Restricted Use Industrial Soil Criteria, and are presented in Table 2.2. Several organic parameters were detected in soil boring samples from the SWMU areas from varying depths; however, no parameters were detected at concentrations above the corresponding Part 375 Restricted Use Industrial Soil Criteria.

In summary, the soil analytical data do not indicate the presence of significant contaminant source areas at the Site.

2.4.2 GROUNDWATER CHEMISTRY

Groundwater samples have been collected at the Site during 17 sampling events over the period from April 1987 to December 2011. Analytical results are presented in Table 2.2. The number of monitoring wells from which samples were collected varied over that time period as additional wells were progressively installed. The groundwater monitoring data were screened against the Class GA groundwater quality standards as presented in 6 NYCRR Parts 700-705 and in NYSDEC TOGS 1.1.1 document titled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations." Parameters detected above the screening criteria are shown on Plan 3. Groundwater samples collected during the early sampling events were analyzed for TCL VOCs, SVOCs, Pesticides, PCBs, and TAL metals. Groundwater samples from the majority of the wells showed parameter concentrations that exceeded the respective criteria, primarily VOCs, with metals and SVOCs to a lesser extent. Over the period from April 1987 to December 2011, the data established that groundwater quality improved. Only one pesticide parameter and one PCB parameter exceeded the corresponding criteria, and only during the October 2001 event. Between April 1987 and April 2002, 11 groundwater sampling events were performed. By April 2002, only iron,

manganese, and sodium exceeded the respective criteria at a number of the wells. As these metals are naturally occurring, and no other metals exceeded the respective criteria, analysis for metals was deemed unnecessary in the following three sampling events (September 2009, October 2011, December 2011). No SVOC parameters exceeded the corresponding criteria by October 2009. Consequently, SVOCs were not analyzed for in October and December 2011. The number of VOC parameters that exceeded the respective criteria also decreased significantly at many well locations, with the exception of well VRI-1. Concentrations of total xylenes, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, isopropylbenzene, and n-propylbenzene at well VRI-1 continue to exceed the respective criteria as of the December 2011 sampling event, as shown on Plan 3. Ethylbenzene and methylene chloride also exceed the respective criteria at well VRI-1, but to a lesser extent. These parameter concentrations detected at VRI-1 are summarized below:

	Concentrations (µg/L)						*NYSDEC*
Parameter	*10/18/01*	*4/2/02*	*10/5/09*	*12/22/09*	*10/12/11*	*12/7/11*	*Criteria*
Ethylbenzene	NE	NE	NE	18	NE	8.4J	5
Methylene Chloride	NE	ND/380J	NE	NE	NE	9.1J	5
Xylenes (total)	670	880J/510J	8,700	3,100	3,700	3,800	5
1,3,5-Trimethylbenzene	NS	510/370	5,400	1,500	3,200	2,500	5
1,2,4-Trimethylbenzene	NS	1,500/1,100	14,000	3,700	6,200	4,900	5
Isopropylbenezene	NS	85J/39J	820	250	110J	89	5
n-Propylbenzene	NS	110J/940J	870	230	NE	53	5

2.4.3 SOIL VAPOR (VAPOR PROBES)

Eight soil vapor probes were installed at the Site in August 2011 to investigate the potential presence of soil vapor around the occupied sections of several buildings. Three probes were installed around Building 14, two probes around Building 31, and three probes around Building 33 (see Plan 1). The vapor probe installation, vapor sample collection, and analytical results are discussed in detail in the November 2011 CRA report "Supplemental Investigation Report". Analytical results were compared to the criteria presented in "New York State Department of Health (NYSDOH) Center for Environmental Health, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006" (SVI Guidance). The analytical soil vapor results are presented in Table 2.4, and are briefly discussed below.

There are seven compounds having NYSDOH SVI Guidance criteria. They are as follows (shown with the Soil Vapor/Indoor Air Decision Matrix that they are each applied to):

SVI Guidance Compound	*Soil Vapor/Indoor Air Matrix*
Trichloroethene	Matrix 1
Carbon tetrachloride	Matrix 1
Vinyl Chloride	Matrix 1
1,1,1-Trichloroethane	Matrix 2
Tetrachloroethene	Matrix 2
cis-1,2-Dichloroethene	Matrix 2
1,1-Dichloroethene	Matrix 2

Although the NYSDOH SVI Guidance criteria are applicable to Indoor Air (IA) and Sub-Slab (SS) vapor results, a conservative evaluation was completed by using the soil vapor results as SS data. The discrete soil vapor sample results for each Building location were averaged to estimate the potential SS vapor concentration. In the case of non-detect results, half of the non-detect value(s) was used in the calculation of the average. The calculated SS vapor concentrations were then compared to the NYSDOH decision matrix tables, as appropriate. The NYSDOH SVI Guidance decision matrices table lists the following possible actions, dependent upon the application of the SS data and IA data to the Matrix:

- No further action
- Take reasonable and practical actions to identify source(s) and reduce exposures
- Monitor
- Monitor/Mitigate
- Mitigate

Two SVI Guidance compounds, carbon tetrachloride and tetrachloroethene, were detected in the soil gas samples collected outside Building 14. Carbon tetrachloride was detected in two of the three soil gas probes (2.7 micrograms per cubic meter ($\mu g/m^3$), 7.4 $\mu g/m^3$, ND(2.5) $\mu g/m^3$) for an average SS concentration of 3.78 $\mu g/m^3$. Tetrachloroethene was detected in one of the three soil gas probes (17 $\mu g/m^3$, ND(5.4) $\mu g/m^3$, ND(5.4) $\mu g/m^3$) for an average SS concentration of 7.47 $\mu g/m^3$.

One SVI Guidance compound, tetrachloroethene, was detected in the soil gas samples collected outside Building 31. Tetrachloroethene was detected in one of the two soil gas probes (5.7 $\mu g/m^3$, ND(5.4) $\mu g/m^3$) for an average SS concentration of 4.2 $\mu g/m^3$.

No SVI Guidance compounds were detected in any of the three gas probes around Building 33.

Based upon the SVI Guidance decision matrices, all of the average soil vapor concentrations were in the range of "no further action" or "take reasonable and practical actions to identify source(s) and reduce exposures". The analytical results of the soil gas sampling program, along with the recommendation that no further soil vapor intrusion investigation was necessary, were presented to NYSDEC in a letter dated November 10, 2011. In a letter dated December 20, 2011, NYSDEC and NYSDOH agreed that no further soil vapor intrusion investigation was necessary at this time.

3.0 REMEDIAL ACTION OBJECTIVES

Based upon the investigations conducted at the Site, the only remaining area of concern is the groundwater at well VRI-1. The remedial action objective for groundwater at well VRI-1 is to eliminate or mitigate threats to public health and the environment associated with the VOCs detected in the groundwater at this location.

4.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGs)

The Class GA groundwater quality standards as presented in 6 NYCRR Parts 700-705 and in NYSDEC TOGS 1.1.1 document titled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" are applicable chemical-SCGs for the groundwater at the Site.

An action-SCG applicable to this FFS is the requirement to obtain an Underground Injection Control (UIC) permit from USEPA/NYSDEC for in situ treatment purposes. USEPA will be notified in accordance with 40 CFR 144 prior to conducting the subsurface injections.

5.0 DEVELOPMENT OF ALTERNATIVES

Impacted groundwater is localized around well VRI-1 on the west side of the Site. Remedial alternatives are therefore focused on this area. Considering the type of chemical contaminants present in the groundwater, the Site geology/hydrogeology, and the localized nature of the impacted groundwater, as discussed in previous sections, the following potential remedial alternatives were identified and are included in the FFS:

- Alternative 1 - No action
- Alternative 2 - Monitored Natural Attenuation (MNA)
- Alternative 3 - In situ Chemical Oxidation (ISCO)
- Alternative 4 – In situ Enhanced bioremediation (ISEB)

These alternatives are discussed in the following sections.

5.1 ALTERNATIVE 1 – NO ACTION

For Alternative 1, no actions will be taken, including no groundwater monitoring program.

5.2 ALTERNATIVE 2 – MONITORED NATURAL ATTENUATION (MNA)

Alternative 2 would involve groundwater monitoring of select wells, to monitor the natural attenuation processes in the vicinity of well VRI-1. Natural attenuation occurs by physical and/or biological processes. Physical processes of attenuation include sorption, dispersion, dilution, and volatilization. Biological processes actively breakdown the contaminants through microbial activity where the contaminants act a source of carbon.

Wells to be monitored for MNA include VRI-1, VRI-2, VRI-3, VRI-4, VRI-9, GT-9, and GT-14. Also, wells that are not part of the MNA monitoring will be sampled, but only for TCL VOCs and Site-specific VOCs, and include GT-7, GT-15, and GT-16. These wells are shown on Figure 5.1. The rationale for monitoring these wells is presented below.

Well VRI-9 would provide background groundwater quality data, as it is located upgradient of well VRI-1.

Wells VRI-2, VRI-3, VRI-4, and GT-14 are located downgradient of VRI-1 and are on the Site property boundaries. Groundwater quality data from these wells would show whether or not any impacted groundwater is migrating off Site.

Well GT-9 is approximately halfway between VRI-1 and the downgradient wells VRI-3 and VRI-4. Groundwater data from GT-9 would be used to monitor any migration of impacted groundwater from VRI-1.

Groundwater data for wells GT-7, GT-15, GT-16 have historically shown the presence of some VOCs, and since these wells are located very close to the northern property boundary, groundwater samples will continue to be collected at these locations.

Groundwater samples for MNA monitoring would be analyzed for the following parameters:

- VOCs
- Site-specific VOCs
  - 1,2,3-Trichloropropane
  - 1,3,5-Trimethylbenzene
  - 1,2,4-Trimethylbenzene
  - Isopropylbenzene
  - n-Propylbenzene
- Natural attenuation parameters:
  - PAH
  - Nitrate
  - Iron II (dissolved)
  - Sulfate
  - Alkalinity
  - Methane

Parameters to measure in the field during sample collection would include:

- oxidation-reduction potential (ORP)
- pH
- dissolved oxygen (DO)

- temperature
- conductivity

The monitoring data would be reviewed after each monitoring event to determine whether natural attenuation is occurring. Annual groundwater monitoring would be implemented for a minimum of 5 years at which time an evaluation would be conducted to determine modifications to the monitoring program.

5.3 ALTERNATIVE 3 – IN SITU CHEMICAL OXIDATION (ISCO)

ISCO is an effective method for destroying localized high concentrations of a wide range of organic compounds. In an oxidation reaction, the oxidizing agent breaks the carbon bonds in the compounds and converts them into non-hazardous or less toxic compounds, primarily carbon dioxide and water. Commonly used oxidizing reagents include potassium permanganate ($KMnO_4$), Fenton's Reagent (hydrogen peroxide in a solution of ferrous salts), ozone, and catalyzed sodium persulfate.

$KMnO_4$, Fenton's Reagent, and catalyzed sodium persulfate are effective when delivered in an aqueous solution and react with a wide range of organic compounds. They are inexpensive and readily available in large quantities. ISCO is Site-specific, and successful treatment is typically a function of the effectiveness of the delivery system (being able to deliver sufficient amounts of oxidant to the impacted groundwater and making sufficient "contact") and subsequent transport of the oxidant within the soil and groundwater. The treatment performance is dependent to a great extent upon the soil chemistry. A critical factor in the evaluation of ISCO treatment is determining the dosages of oxidant that are required to effectively oxidize the VOCs present (referred to as stoichiometric demand) as well as the competing reactions. The competing reactions are typically caused by the presence of natural organic materials such as humates and fulvates, as well as reduced metal species. The consumption of oxidants by these non-target compounds is defined as natural oxidant demand (NOD). In order to determine the optimum dosage, treatability studies are required. Active ISCO requires accurate delineation of the source of compounds. Large quantities of oxidizing chemicals require regulated handling and pose health and safety concerns. Chemical oxidation may cause mobilization of metals, possible formation of toxic by-products, heat, gas, and biological perturbation. $KMnO_4$ does not exhibit a high solubility and requires a large delivery volume. The Fenton's Reagent reaction is exothermic, and the heat generated can cause volatilization of hydrocarbon compounds. It also requires a pH of 5-pH units and ferrous sulfate catalyst. Base catalyzed sodium persulfate can be

injected at concentrations up to 30 percent. It can oxidize a wide range of organic compounds and will continue to oxidize organic material for up to a month.

A treatability study would be recommended to determine the dose and frequency of injection.

The use of ISCO for the treatment of VOCs at this Site would involve the application of a base catalyzed 25 percent sodium persulfate solution to the Site groundwater. Six permanent injection wells (2-inch diameter PVC) with 15-foot well screens from 60 to 75 feet bgs would be installed in the 2,500-square-foot area around the well VRI-1. A 405-gallon solution containing 968.5 pounds of sodium persulfate mixed with 334 gallons of a 25 percent sodium hydroxide activator solution just before injection for a total volume of approximately 739 gallons would be injected at each well. Two injections would be spaced approximately 6 months apart.

Groundwater samples would be collected from the installed ISCO wells and VRI-1 to assess the performance of treatment.

Following treatment, a groundwater monitoring program would be implemented for an estimated 3 years to ensure treatment effectiveness. Samples would be collected from the wells listed in Alternative 2, and would be analyzed for VOCs and Site-specific VOCs. The components of Alternative 3, including locations of wells to be sampled, are shown on Figure 5.2. At the end of the 3-year monitoring period, the six injection wells would be abandoned.

5.4 ALTERNATIVE 4 – IN SITU ENHANCED BIOREMEDIATION (ISEB)

In situ enhanced bioremediation (ISEB, aerobic or anaerobic) is a treatment process whereby contaminants are metabolized into less toxic or non-toxic compounds by naturally occurring microorganisms. The microorganisms utilize the hydrocarbons as a source of carbon and energy. In order to stimulate biological activity, biodegradation processes can be enhanced by the injection of nutrients, microbial cultures, suitable electron acceptors, and carbon/energy sources. Site conditions can be manipulated to enhance in situ biodegradation processes and speed up degradation rates of Site contaminants. In this process, several techniques can be applied to enhance biodegradation of the VOCs at the Site, such as:

1. Injection of air, oxygen, oxygen release compound (ORC), or magnesium, calcium, or hydrogen peroxide to enhance biodegradation of the hydrocarbons under aerobic conditions
2. Nutrient supplementation with suitable sources of nitrogen and phosphorus to enhance biodegradation of contaminants by indigenous microbial population
3. Bioaugmentation by injection of microbial cultures to improve the effectiveness of the microbial population in degrading the compounds of concern

One, or a combination of these techniques, can be applied based on the groundwater conditions. Some technologies that are available for aerobic treatment of soils and groundwater include ORC treatment and biosparging. Biosparging, hydrogen peroxide, and ORC are technologies that supplement oxygen to enhance aerobic biodegradation. ORC is injected as a slurry and would be difficult to disperse into the groundwater 60 feet bgs. Also, the amount of oxygen released for a given volume of ORC is small. Hydrogen peroxide releases its oxygen very quickly and does not sustain the microbial population as effectively as biosparging. Therefore, biosparging is the preferred technology. The injected oxygen would enhance the growth and metabolic activity of hydrocarbon degrading microorganisms, resulting in the oxidation of petroleum hydrocarbons to carbon dioxide and water. Typically the groundwater becomes nutrient deficient during enhanced biodegradation, therefore nutrient supplementation is considered. Bioaugmentation is used when the natural microbial population has been shown to be unable to degrade all the contaminants present or where it is considered necessary to augment the natural biodegradation process.

In situ biosparging involves the injection of pressurized gases into the subsurface at very low flow rates to enhance biodegradation. Oxygen or air is injected to enhance aerobic biodegradation. Injection of oxygen is controlled such that vapors are not generated or accumulated in the vadose zone. The gas flow can also be supplemented with injection of aqueous nutrients if needed to stimulate bacterial growth and enhance biodegradation of the hydrocarbons in the groundwater and soil. The aqueous nutrient injection would be performed through the same injection wells.

In situ Submerged Oxygen Curtain (iSOC®) is an innovative biosparging technique developed for oxygen injection. An iSOC® unit is a hollow cylinder approximately 1.62 by 15 inches that contains micro-porous hollow fibers. The micro-porous hollow fibers in each iSOC® unit provide a large surface area for the delivery of oxygen gas into the groundwater. The iSOC® unit is lowered into the saturated groundwater interval in a well, and is connected to a regulator and oxygen cylinder(s) via flexible tubing on the surface. Super-saturated oxygen can be delivered to the subsurface at low flow rates

such that the gases are infused into the groundwater without the formation of bubbles. A relatively high oxygen sparge rate and nutrient addition would be required to ensure that sufficiently enhanced aerobic conditions were achieved to ensure timely biodegradation of VOCs in the vicinity of well VRI-1.

A bench-scale treatability study is recommended to determine the cost-effective doses of amendments and frequency of applications.

The use of ISEB at this Site would involve the installation of six permanent injection wells as described in Alternative 3 around well VRI-1, and three iSOC® units. With one iSOC® unit per well, treatment would be applied using three wells at a time, on a quarterly basis. At the end of each quarter, the iSOC® units would be removed from the current wells and placed in the other three wells. On a quarterly basis for a period of 5 years, each injection location would be treated for approximately 30 months. Nutrient injections would consist of a 239-gallon solution containing 0.5 pound of ammonium sulfate and 0.1 pound of sodium phosphate, and would be injected every 6 months. The iSOC® injection wells would be used for the nutrient addition.

Annual groundwater monitoring program would be implemented for up to 10 years; 5 years during treatment and 5 years following treatment to ensure treatment effectiveness. Groundwater samples would be collected from the same wells listed in Alternative 2, and for the same corresponding parameters. The components of Alternative 4, including locations of wells to be sampled, are shown on Figure 5.3. It is anticipated that at the end of the 5-year post-treatment monitoring period, the six injection wells would be abandoned.

6.0 EVALUATION OF ALTERNATIVES

In accordance with DER 10, "Technical Guidance for Site Investigation and Remediation", May 2010, alternatives described in Section 5.0 are evaluated based on the following criteria:

- Overall protectiveness of human health and the environment
- Conformity to the Standards, Criteria, and Guidance (SCGs)
- Short-term impacts and effectiveness
- Long-term effectiveness and permanence
- Reduction in toxicity, mobility, or volume of contamination
- Implementability
- Consistency with applicable zoning
- Cost
- Consistency with "Green Remediation" principles (DER-31)

6.1 ALTERNATIVE 1 - NO ACTION

Overall Protectiveness of Human Health and Environment

Groundwater at well VRI-1 contains elevated concentrations of select VOCs, as discussed in Section 2.4.2.

However, there are no complete exposure pathways for the groundwater at the Site. The groundwater is approximately 60 feet bgs which prevents direct exposure during construction activities. The facility is on municipal water which precludes the use of groundwater as a potable water source. Soil gas sampling results indicate that soil vapor intrusion into the on-Site buildings is not a concern. Therefore, this alternative would be protective of human health and the environment.

Conformity To SCGs

Alternative 1 does not comply with groundwater SCGs as the concentrations of VOCs in the groundwater at VRI-1 will continue to exceed the Class GA groundwater standards for an extended period of time.

Short-term Impacts and Effectiveness

Alternative 1 would not create any additional short-term impacts to the community or the environment.

Long-term Effectiveness and Permanence

Over time, natural attenuation of VOCs in the groundwater at VRI-1 would provide long-term effectiveness and permanence. However, it is noted that VOC concentrations at VRI-1 have only reduced slightly over the past 10 years. Therefore, it is expected that natural attenuation processes will take a considerable length of time to reduce VOC concentrations at VRI-1 to levels close to the Class GA groundwater standards.

Reduction in Toxicity, Mobility, or Volume

Alternative 1 would reduce the toxicity, mobility, and volume of the impacted groundwater in the vicinity of well VRI-1 through natural attenuation, which is expected to take a relatively long time.

Implementability

Alternative 1 would be readily implementable.

Consistency With Applicable Zoning

Alternative 1 is compatible with the Heavy Industrial (I2) zoning of the Site.

Costs

No costs are associated with Alternative 1.

Consistency With "Green Remediation" Principles

Alternative 1 is environmentally sustainable and is compliant with the "Green Remediation" procedures as set forth in the (NYSDEC) DER-31 Program Policy document.

6.2 ALTERNATIVE 2 – MONITORED NATURAL ATTENUATION (MNA)

Overall Protectiveness of Human Health and Environment

Groundwater at well VRI-1 contains concentrations of select VOCs, as discussed in Section 2.4.2.

However, there are no complete exposure pathways for the groundwater at the Site. The groundwater is approximately 60 feet bgs which prevents direct exposure during construction activities. The facility is on municipal water which precludes the use of groundwater as a potable water source. Soil gas sampling results indicate that soil vapor intrusion into the on-Site buildings is not a concern. Therefore, this alternative would be protective of human health and the environment.

Conformity To SCGs

Alternative 2 does not comply with groundwater SCGs as the concentrations of VOCs in the groundwater at VRI-1 will continue to exceed the Class GA groundwater standards for an extended period of time. It is anticipated that natural attenuation will take a considerable time to reduce groundwater concentrations to meet the Class GA groundwater standards.

Short-term Impacts and Effectiveness

Alternative 2 would not create any additional short-term impacts to the community or the environment.

Long-term Effectiveness and Permanence

Over time, natural attenuation would provide long-term effectiveness and permanence. However, it is noted that VOC concentrations at VRI-1 have remained relatively unchanged over the past 10 years. Therefore, it is expected that natural attenuation processes will take a considerable length of time to reduce VOC concentrations at VRI-1 to levels close to the Class GA groundwater standards.

Reduction in Toxicity, Mobility, or Volume

Alternative 2 would reduce the toxicity, mobility, and volume of the impacted groundwater in the vicinity of well VRI-1 through natural attenuation, which is expected to take a relatively long time.

Implementability

Alternative 2 would be readily implementable.

Consistency With Applicable Zoning

Alternative 2 is compatible with the Heavy Industrial (I2) zoning of the Site.

Costs

For cost estimating purposes, it is assumed that annual monitoring would be performed for a 30-year period. There would be no direct capital costs. Annual monitoring costs would be $20,120. An evaluation of the monitoring data would be conducted at the end of 5 years and be used to determine any potential modifications to the monitoring program. Over a 30-year period, the present worth of Alternative 2 using a 3 percent discount factor and a 20 percent contingency is estimated to be $481,500, as summarized in Table 6.1.

Consistency With "Green Remediation" Principles

Alternative 2 is an environmentally sustainable remedial strategy and is compliant with the "Green Remediation" procedures as set forth in the (NYSDEC) DER-31 Program Policy document.

6.3 ALTERNATIVE 3 – IN SITU CHEMICAL OXIDATION (ISCO)

Overall Protectiveness of Human Health and Environment

Groundwater at well VRI-1 contains concentrations of select VOCs, as discussed in Section 2.4.2.

However, there are no complete exposure pathways for the groundwater at the Site. The groundwater is approximately 60 feet bgs which prevents direct exposure during construction activities. The facility is on municipal water which precludes the use of groundwater as a potable water source. Soil gas sampling results indicate that soil vapor intrusion into the on-Site buildings is not a concern. As Alternative 3 would reduce the chemical concentrations in the groundwater, the risk of potential future exposure is even less than for Alternatives 1 and 2.

Conformity To SCGs

Alternative 3 would result in significantly reducing VOC concentrations in the groundwater in the vicinity of VRI-1. However, ISCO would not immediately reduce VOC concentrations to levels below the Class GA Groundwater standards.

Injection of a chemical oxidizer reagent will require the need to obtain an Underground Injection Control (UIC) permit from USEPA/NYSDEC. USEPA would be notified in accordance with 40 CFR 144 prior to conducting the subsurface injections.

Short-term Impacts and Effectiveness

Installation of the injection wells for Alternative 3 could potentially expose workers to VOCs in the groundwater during drilling activities. However, these potential exposure issues would be mitigated by implementing a health and safety program and environmental controls. Care would also be taken by the workers when handing the reagents, mixing the solution, and injecting the solution into the ISCO wells.

Long-term Effectiveness and Permanence

Alternative 3 would be effective in the long term as VOC concentrations in the groundwater at VRI-1 would be permanently reduced.

Reduction in Toxicity, Mobility, or Volume

Alternative 3 would reduce the toxicity, mobility and volume of VOCs in the groundwater at well VRI-1.

Implementability

Implementation of Alternative 3 can be completed with standard construction equipment and readily available technology.

Consistency With Applicable Zoning

Alternative 3 is compatible with the Heavy Industrial (I2) zoning of the Site.

Costs

The total estimated capital cost to implement Alternative 3 is approximately $116,580. The expected operations and maintenance cost for ISCO is estimated to be $58,090 per year for 1 year. The annual groundwater monitoring of select wells to monitor the effectiveness of the ISCO treatment is estimated to be $17,380 for an estimated 4 years. After 4 years of monitoring, the injection wells will be abandoned at an estimated cost of $9,760. The net present worth of Alternative 3 using a discount factor of 3 percent and a contingency of 20 percent is estimated to be $297,500. The costs are presented in Table 6.2.

Consistency With "Green Remediation" Principles

Alternative 3 is an environmentally sustainable remedial strategy and is compliant with the "Green Remediation" procedures as set forth in the (NYSDEC) DER-31 Program Policy document.

6.4 ALTERNATIVE 4 – IN SITU ENHANCED BIOREMEDIATION

Overall Protectiveness of Human Health and Environment

Groundwater at well VRI-1 contains concentrations of select VOCs, as discussed in Section 2.4.2.

However, there are no complete exposure pathways for the groundwater at the Site. The groundwater is approximately 60 feet bgs which prevents direct exposure during construction activities. The facility is on municipal water which precludes the use of groundwater as a potable water source. Soil gas sampling results indicate that soil vapor intrusion into the on-Site buildings is not a concern. As Alternative 4 would reduce the chemical concentrations in the groundwater, the risk of potential future exposure is even less than for Alternatives 1 and 2.

Conformity To SCGs

Alternative 4 would result in reducing VOC concentrations in the groundwater in the vicinity of VRI-1. However, it is not known if ISEB would reduce VOC concentrations to levels below the Class GA Groundwater standards.

Installation of injection wells will require the need to obtain an Underground Injection Control (UIC) permit from USEPA/NYSDEC. USEPA would be notified in accordance with 40 CFR 144 prior to conducting the subsurface injections.

Short-term Impacts and Effectiveness

Installation of the injection wells for Alternative 4 could potentially expose workers to VOCs in the groundwater during drilling activities. However, these potential exposure issues would be mitigated by implementing a health and safety program and environmental controls. Care would also be taken by the workers when handing the materials and equipment.

Long-term Effectiveness and Permanence

Alternative 4 would be effective in the long term as VOC concentrations in the groundwater at VRI-1 would be permanently reduced.

Reduction in Toxicity, Mobility, or Volume

Alternative 4 would reduce the toxicity, mobility and volume of VOCs in the groundwater at well VRI-1.

Implementability

Implementation of Alternative 4 can be completed with standard construction equipment and readily available technology. The treatment period is expected to be approximately 5 years which is longer than Alternative 3.

Consistency With Applicable Zoning

Alternative 4 is compatible with the Heavy Industrial (I2) zoning of the Site.

Costs

The total estimated capital cost to implement Alternative 4 is approximately $119,990. The expected ISEB operations and maintenance cost would be approximately $22,080 per year for 5 years. The expected annual groundwater monitoring cost would be $20,120 per year for 10 years. After 10 years of monitoring, the injection wells will be abandoned at an estimated cost of $9,760. The net present worth of Alternative 4 using a

discount factor of 3 percent and a 20 percent contingency would be $480,000. The costs are presented in Table 6.3.

Consistency With "Green Remediation" Principles

Alternative 4 is an environmentally sustainable remedial strategy and is compliant with the "Green Remediation" procedures as set forth in the (NYSDEC) DER-31 Program Policy document.

7.0 RECOMMENDED REMEDIAL ACTION

Alternative 1 (no action) and Alternative 2 (MNA) are easier to implement than Alternative 3 (ISCO) and Alternative 4 (ISEB) as they do not involve any drilling or construction activities. The costs of Alternative 1 ($0) and Alternative 2 ($481,500) are the lowest and highest, respectively. The costs of the alternatives from lowest to highest are: Alternative 1 ($0), Alternative 3 ($297,500), Alternative 4 ($480,000), and Alternative 2 ($481,500). Furthermore, Alternatives 1 and 2 do not actively address the VOC concentrations in the groundwater in the vicinity of well VRI-1; that is, the toxicity, mobility, and volume of the VOC impacted groundwater are not reduced by active remediation. As discussed in Section 2.4.2, several VOCs at concentrations above NYSDEC criteria have been detected in the groundwater at VRI-1 over the last 10 years, and have not shown a significantly decreasing trend. For this reason also, Alternative 2 (MNA) is considered not to be completely effective, as any natural attenuation processes that may be present do not appear to be significantly reducing the VOC concentrations quick enough. Subsequently, Alternatives 1 and 2 are no longer considered.

Alternative 3 (ISCO) and Alternative 4 (ISEB) would both directly address the VOC concentrations in the groundwater in the vicinity of well VRI-1. Both alternatives are consistent with "Green Remediation" principles and are expected to be effective in reducing the VOC concentration in the groundwater. Both alternatives involve common drilling and construction techniques. The drilling and construction activities for both alternatives would be completed relatively quickly. The treatment periods, however, for Alternative 3 and Alternative 4 are expected to be 1 year and 5 years, respectively. The post-treatment monitoring period for Alternative 3 is expected to be 5 years; the post-treatment monitoring period for Alternative 4, would be up to 10 years. The estimated cost of Alternative 3 ($297,500) is also less than the estimated cost of Alternative 4 ($480,000).

Therefore, based on the shorter treatment period, the shorter post-treatment monitoring period, and the lower cost, Alternative 3 (ISCO) is the recommended remedial alternative.

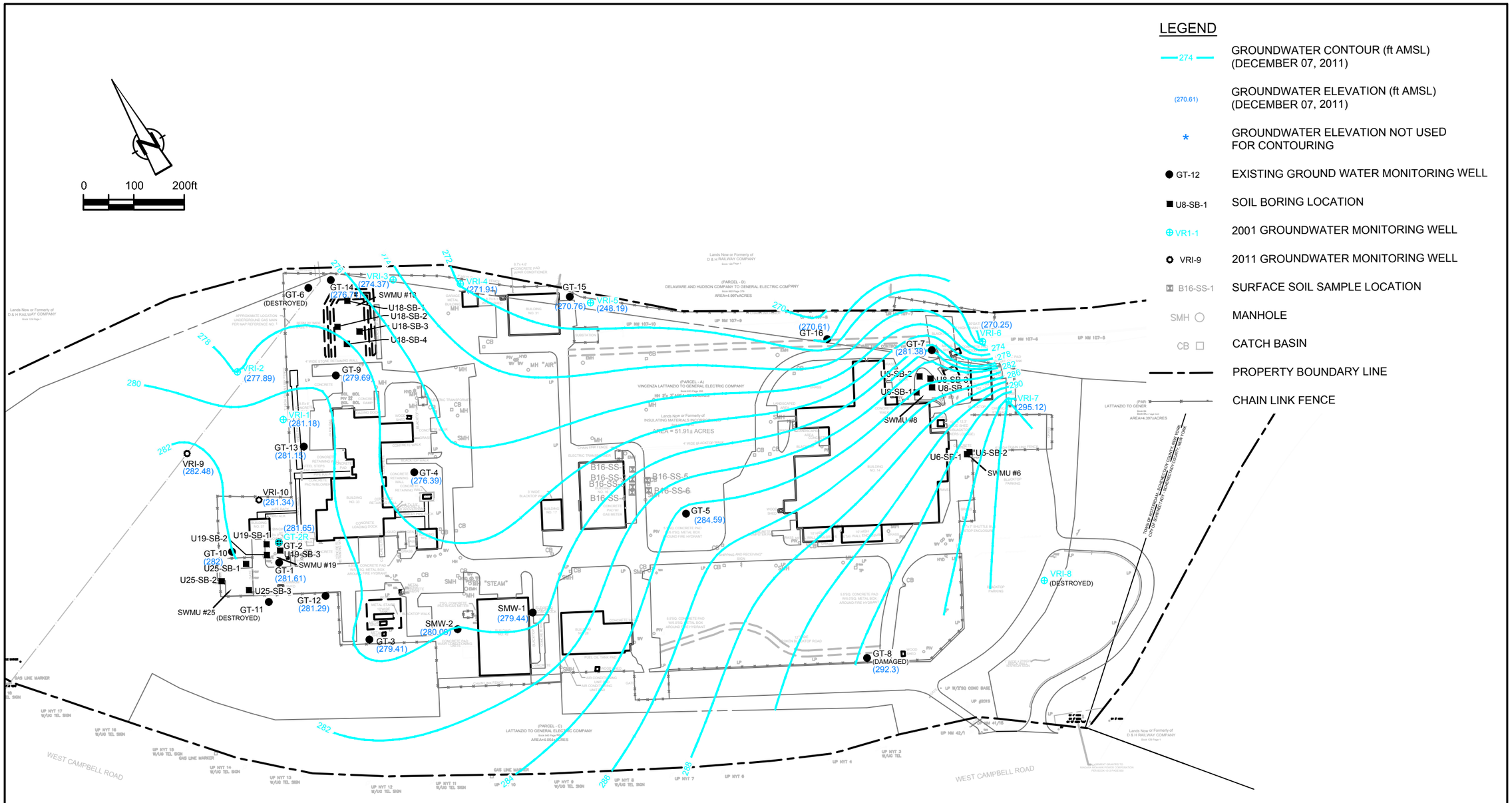


figure 2.1

GROUNDWATER CONTOURS
(DECEMBER 7, 2011)
VRI RIVERVIEW FACILITY
Schenectady, New York

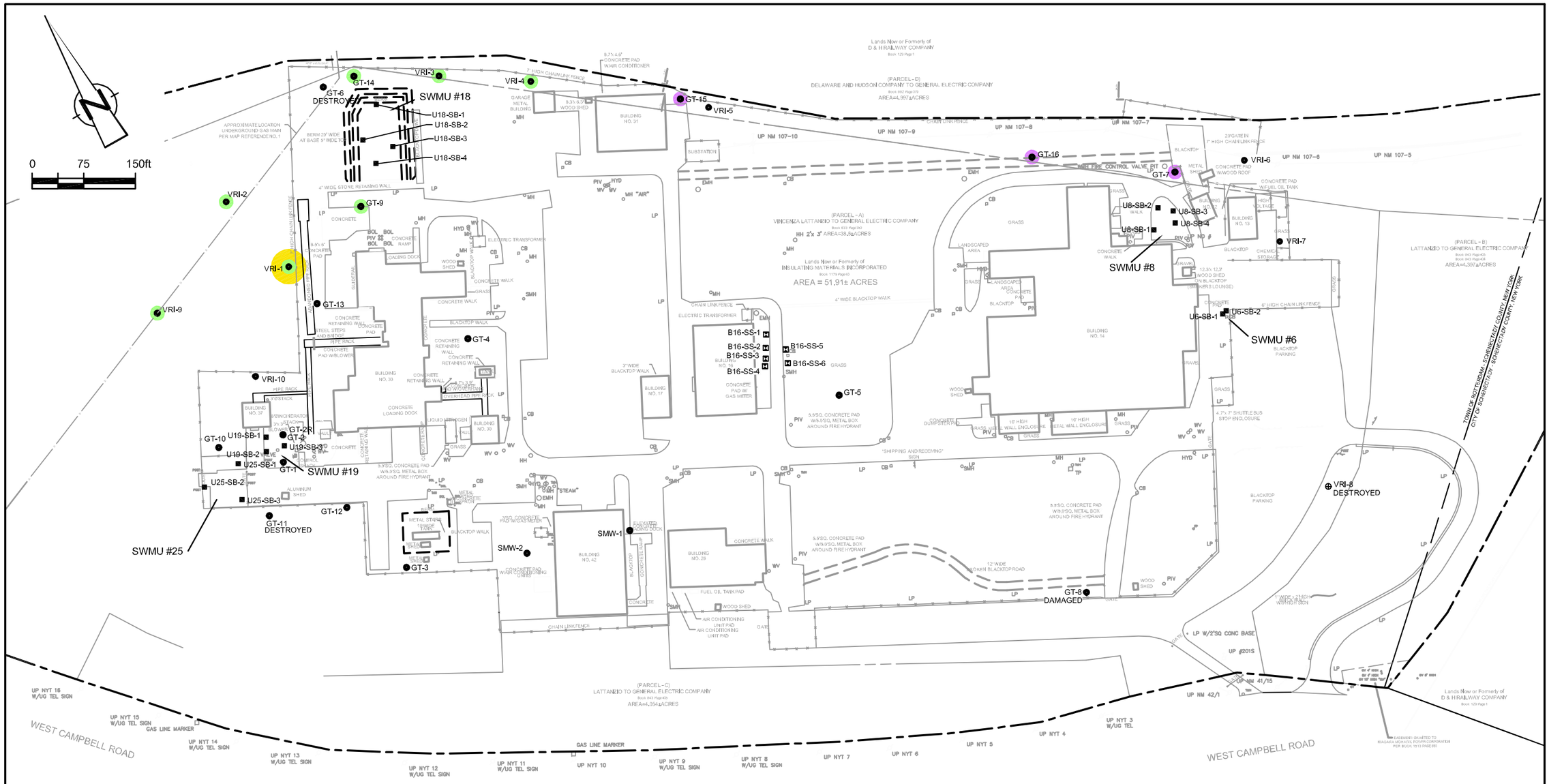


figure 5.1

ALTERNATIVE 2 COMPONENTS
VRI-RIVERVIEW FACILITY
Schenectady, New York

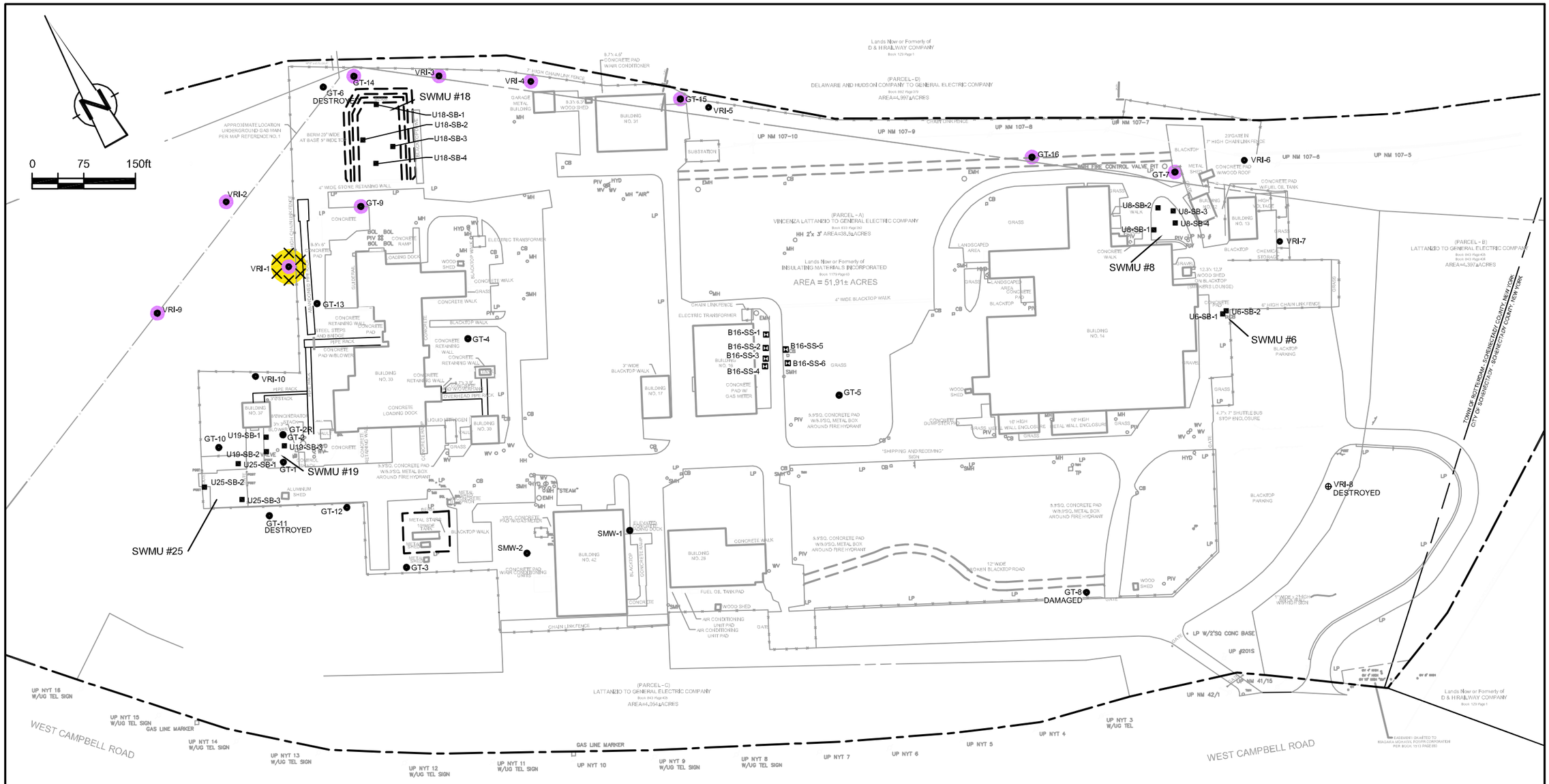


figure 5.2

ALTERNATIVE 3 COMPONENTS
VRI-RIVERVIEW FACILITY
Schenectady, New York

18631-50(011)GN-WA006 MAR 05/2012

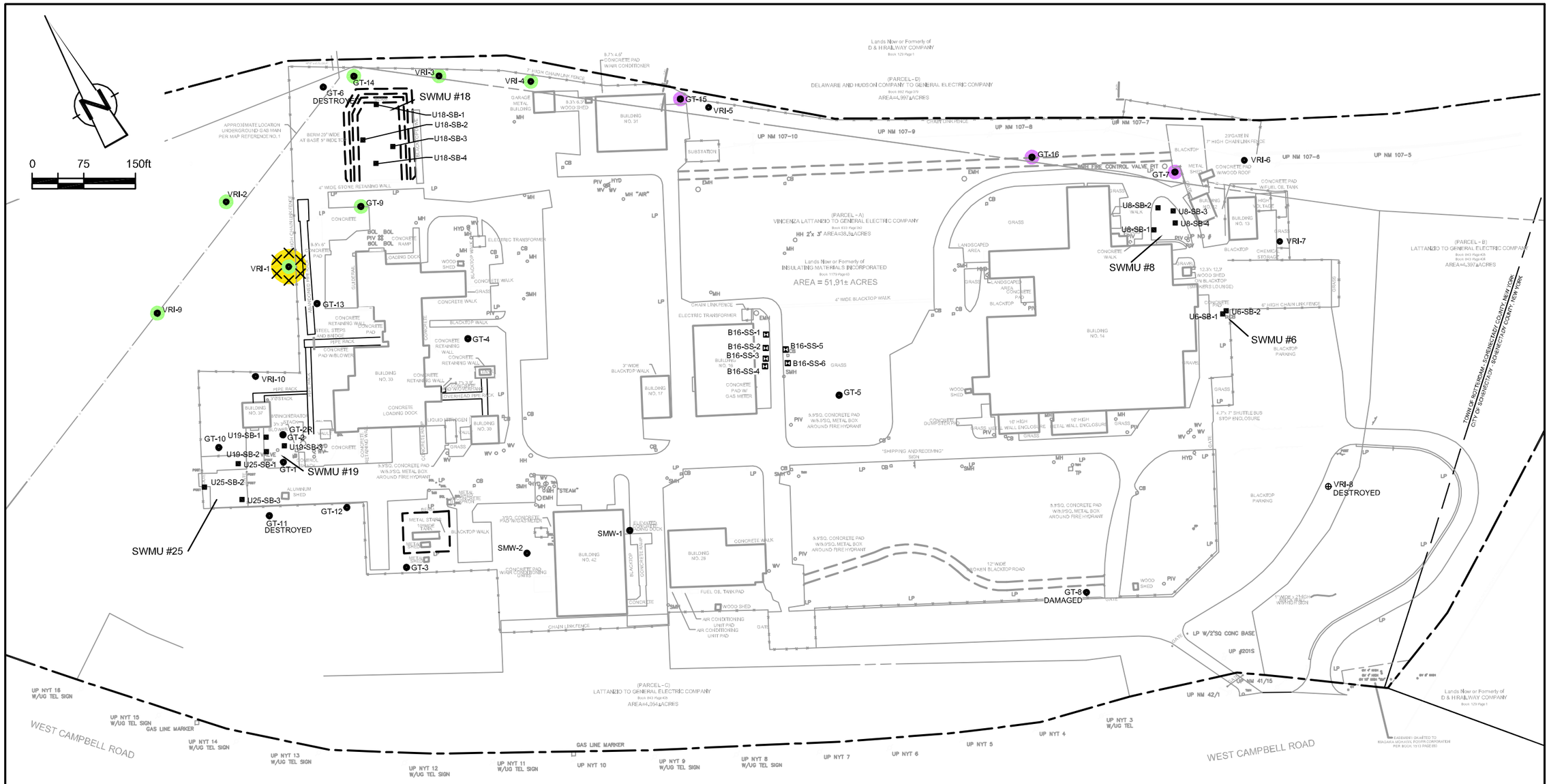


figure 5.3

ALTERNATIVE 4 COMPONENTS
VRI-RIVERVIEW FACILITY
Schenectady, New York

TABLE 2.1

CHRONOLOGY OF PREVIOUS SITE INVESTIGATIONS
FOCUSED FEASIBILITY STUDY
VON ROLL 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 2.1

CHRONOLOGY OF PREVIOUS SITE INVESTIGATIONS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Date	*Company*	*Description of Activities*	*Reason for Activities*
September 30 to October 6, 2009	Conestoga-Rovers & Associates, Inc.	Collection of groundwater samples from GT-1, GT-2R, GT-3, GT-4, GT-5, GT-7, GT-8, GT-9, GT-10, GT-12, GT-13, GT-14, GT-15, GT-16, SMW-1, SMW-2, VRI-1, VRI-2, VRI-3, VRI-4, VRI-5, VRI-6, VRI-7	Sample collection completed to supplement the August 2002 RI Report.
July to October 2011	Conestoga-Rovers & Associates, Inc.	Gore Sorber® Soil vapor survey on west end of Site around VRI-1; installation and collection of vapor samples at 8 soil vapor probes; installation of 2 monitoring wells (VRI-9 and VRI-10); groundwater sample collection at wells GT-7, GT-8, GT-10, GT-13, GT-15, GT-16, VRI-1, VRI-3, VRI-7, VRI-9, VRI-10	Additional field investigation requested by NYSDEC in April 1, 2011 letter; work plan outlined in CRA June 1, 2001 letter
December 5 to 9, 2011	Conestoga-Rovers & Associates, Inc.	Collection of groundwater samples from GT-7, GT-8, GT-9, GT-10, GT-13, GT-15, GT-16, VRI-1, VRI-3, VRI-5, VRI-7, VRI-9, VRI-10	Second round of groundwater sampling as per CRA June 1, 2011 work plan
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 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*	*Sample Location:* B16-SS1 *Sample ID:* S-18631-100201-MEJ-016 *Sample Date:* 10/2/2001 0-0.5 ft	*Sample Location:* B16-SS2 *Sample ID:* S-18631-100201-MEJ-015 *Sample Date:* 10/2/2001 0-0.5 ft	*Sample Location:* B16-SS3 *Sample ID:* S-18631-100201-MEJ-014 *Sample Date:* 10/2/2001 0-0.5 ft	*Sample Location:* B16-SS4 *Sample ID:* S-18631-100201-MEJ-013 *Sample Date:* 10/2/2001 0-0.5 ft	*Sample Location:* B16-SS5 *Sample ID:* S-18631-100201-MEJ-017 *Sample Date:* 10/2/2001 0-0.5 ft	*Sample Location:* B16-SS6 *Sample ID:* S-18631-100201-MEJ-018 *Sample Date:* 10/2/2001 0-0.5 ft
Volatiles								
1,1,1-Trichloroethane	µg/kg	-	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	-	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	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,1-Dichloroethene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
1,2-Dichloroethane	µg/kg	-	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	-	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	-	24 UJ	24 UJ	24 UJ	23 UJ	24 UJ	23 UJ
Benzene	µg/kg	-	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	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Carbon tetrachloride	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Chlorobenzene	µg/kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Chloroethane	µg/kg	-	12 U	12 U	12 U	12 U	12 U	12 U
Chloroform (Trichloromethane)	µg/kg	-	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	780,000	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Methylene chloride	µg/kg	-	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	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Toluene	µg/kg	1,000,000	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
trans-1,2-Dichloroethene	µg/kg	-	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	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U	5.8 U
Vinyl chloride	µg/kg	-	12 U	12 U	12 U	12 U	12 U	12 U
Xylene (total)	µg/kg	1,000,000	18 U	18 U	18 U	17 U	18 U	18 U
Total VOCs	µg/kg	-	24 U	24 U	24 U	24 U	24 U	24 U
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
Sample ID:			*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:			*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
			0-0.5 ft	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*						
1,2-Dichlorobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
1,3-Dichlorobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
1,4-Dichlorobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,4,5-Trichlorophenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,4,6-Trichlorophenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dichlorophenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dimethylphenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,4-Dinitrophenol	µg/kg	-	1900 UJ	1900 UJ	1900 UJ	1900 UJ	1900 UJ	1900 U
2,4-Dinitrotoluene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2,6-Dinitrotoluene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2-Chloronaphthalene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2-Chlorophenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2-Methyl naphthalene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2-Methylphenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
2-Nitroaniline	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
2-Nitrophenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
3,3'-Dichlorobenzidine	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
3-Nitroaniline	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4-Bromophenyl phenyl ether	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
4-Chloro-3-methylphenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
4-Chloroaniline	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
4-Chlorophenyl phenyl ether	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
4-Methylphenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
4-Nitroaniline	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
4-Nitrophenol	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Acenaphthene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Acenaphthylene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Anthracene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(a)anthracene	µg/kg	11,000	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(a)pyrene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(b)fluoranthene	µg/kg	11,000	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	390 U	390 U	390 U	380 U	390 U	390 U
Benzo(k)fluoranthene	µg/kg	110,000	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Chloroethoxy)methane	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Chloroethyl)ether	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Butyl benzylphthalate	µg/kg	-	390 U	68 J	390 U	380 U	390 U	390 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
Sample ID:			*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:			*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
			0-0.5 ft	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*						
Carbazole	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Chrysene	µg/kg	110,000	390 U	390 U	390 U	380 U	390 U	390 U
Dibenz(a,h)anthracene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Dibenzofuran	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Diethyl phthalate	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Dimethyl phthalate	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Di-n-butylphthalate	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Di-n-octyl phthalate	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Fluoranthene	µg/kg	1,000,000	390 U	390 U	390 U	380 U	390 U	390 U
Fluorene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorobutadiene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Hexachlorocyclopentadiene	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Hexachloroethane	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	390 U	390 U	390 U	380 U	390 U	390 U
Isophorone	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Naphthalene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Nitrobenzene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
N-Nitrosodi-n-propylamine	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
N-Nitrosodiphenylamine	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Pentachlorophenol	µg/kg	-	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
Phenanthrene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Phenol	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Pyrene	µg/kg	-	390 U	390 U	390 U	380 U	390 U	390 U
Total SVOCs	µg/kg	-	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	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1221 (PCB-1221)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1232 (PCB-1232)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1242 (PCB-1242)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1248 (PCB-1248)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1254 (PCB-1254)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U
Aroclor-1260 (PCB-1260)	µg/kg	-	39 U	39 U	39 U	38 U	39 U	39 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*B16-SS1*	*B16-SS2*	*B16-SS3*	*B16-SS4*	*B16-SS5*	*B16-SS6*
	Sample ID:		*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:		*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*	*10/2/2001*
			0-0.5 ft	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*	*0-0.5 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*						
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.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*
	Sample ID:		*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*
	Sample Date:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*
			4-8 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
1,1-Dichloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 UJ
1,1-Dichloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
1,2-Dichloroethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
1,2-Dichloropropane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
2-Butanone	µg/kg	-	22 UJ	21 UJ	21 UJ	25 UJ	21 UJ
2-Hexanone	µg/kg	-	22 U	21 U	21 U	25 U	21 UJ
4-Methyl-2-pentanone	µg/kg	-	22 U	21 U	21 U	25 U	21 UJ
Acetone	µg/kg	-	22 UJ	21 UJ	21 UJ	25 UJ	21 UJ
Benzene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Bromodichloromethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Bromoform	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Bromomethane	µg/kg	-	R	R	R	R	R
Carbon disulfide	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Carbon tetrachloride	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Chlorobenzene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Chloroethane	µg/kg	-	11 U	11 U	11 U	12 U	11 U
Chloroform (Trichloromethane)	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Chloromethane	µg/kg	-	11 U	11 U	11 U	12 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Dibromochloromethane	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Ethylbenzene	µg/kg	780,000	15	2.3 J	5.4 U	6.2 U	5.3 U
Methylene chloride	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Styrene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Tetrachloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Toluene	µg/kg	1,000,000	2.6 J	2.7 J	1.7 J	1.7 J	2.2 J
trans-1,2-Dichloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Trichloroethene	µg/kg	-	5.6 U	5.3 U	5.4 U	6.2 U	5.3 U
Vinyl chloride	µg/kg	-	11 U	11 U	11 U	12 U	11 U
Xylene (total)	µg/kg	1,000,000	100	14 J	16 U	19 U	16 U
Total VOCs	µg/kg	-	117.6	19 J	1.7 J	1.7 J	2.2 J
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*
Sample ID:			*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*
Sample Date:			*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*
			4-8 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
1,3-Dichlorobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
1,4-Dichlorobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	370 U	690 U	350 U	410 U	350 UJ
2,4,5-Trichlorophenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,4,6-Trichlorophenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,4-Dichlorophenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,4-Dimethylphenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,4-Dinitrophenol	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2,6-Dinitrotoluene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2-Chloronaphthalene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2-Chlorophenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2-Methyl naphthalene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2-Methylphenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
2-Nitroaniline	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
2-Nitrophenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
3,3'-Dichlorobenzidine	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
3-Nitroaniline	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	370 U	690 U	350 U	410 U	350 U
4-Chloro-3-methylphenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
4-Chloroaniline	µg/kg	-	370 U	690 U	350 U	410 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	-	370 U	690 U	350 U	410 U	350 U
4-Methylphenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
4-Nitroaniline	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
4-Nitrophenol	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
Acenaphthene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Acenaphthylene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Anthracene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Benzo(a)anthracene	µg/kg	11,000	58 J	690 U	350 U	410 U	350 U
Benzo(a)pyrene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Benzo(b)fluoranthene	µg/kg	11,000	41 J	690 U	350 U	410 U	350 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	42 J	690 U	350 U	410 U	350 U
Benzo(k)fluoranthene	µg/kg	110,000	45 J	690 U	350 U	410 U	350 U
bis(2-Chloroethoxy)methane	µg/kg	-	370 U	690 U	350 U	410 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	370 U	690 U	350 U	410 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	95 J	140 J	350 U	57 J	170 J
Butyl benzylphthalate	µg/kg	-	370 U	690 U	350 U	410 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*	*Sample Location:* U6-SB1 *Sample ID:* S-18631-100901-MEJ-019a *Sample Date:* 10/9/2001 *4-8 ft*	*Sample Location:* U6-SB1 *Sample ID:* S-18631-100901-MEJ-019b *Sample Date:* 10/9/2001 *16-20 ft*	*Sample Location:* U6-SB2 *Sample ID:* S-18631-100901-MEJ-020a *Sample Date:* 10/9/2001 *0-4 ft*	*Sample Location:* U6-SB2 *Sample ID:* S-18631-100901-MEJ-020b *Sample Date:* 10/9/2001 *16-20 ft*	*Sample Location:* U8-SB1 *Sample ID:* S-18631-092701-MEJ-011a *Sample Date:* 9/27/2001 *18-20 ft*
Carbazole	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Chrysene	µg/kg	110,000	66 J	690 U	350 U	410 U	350 U
Dibenz(a,h)anthracene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Dibenzofuran	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Diethyl phthalate	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Dimethyl phthalate	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Di-n-butylphthalate	µg/kg	-	150 J	690 U	350 U	410 U	350 U
Di-n-octyl phthalate	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Fluoranthene	µg/kg	1,000,000	160 J	690 U	350 U	410 U	350 U
Fluorene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Hexachlorobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Hexachlorobutadiene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 UJ
Hexachloroethane	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	41 J	690 U	350 U	410 U	350 U
Isophorone	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Naphthalene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Nitrobenzene	µg/kg	-	370 U	690 U	350 U	410 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	370 U	690 U	350 U	410 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Pentachlorophenol	µg/kg	-	1800 U	3400 U	1700 U	2000 U	1700 U
Phenanthrene	µg/kg	-	140 J	690 U	350 U	410 U	350 U
Phenol	µg/kg	-	370 U	690 U	350 U	410 U	350 U
Pyrene	µg/kg	-	120 J	690 U	350 U	410 U	350 U
Total SVOCs	µg/kg	-	958 J	140 J	1700 U	57 U	170 J
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	20	25 J	5.7 J	21 U	5.4 J
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	-	37 U	35 U	35 U	41 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	-	37 U	35 U	35 U	41 U	35 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U6-SB1*	*U6-SB1*	*U6-SB2*	*U6-SB2*	*U8-SB1*
	Sample ID:		*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*
	Sample Date:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*9/27/2001*
			4-8 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
General Chemistry							
Phenolics (Total)	mg/kg	-	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Total Solids	%	-	89.5	95.2	93.3	80.8	94.0

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U8-SB1*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*
	Sample ID:		*S-18631-092701-MEJ-011b*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*
	Sample Date:		*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*
			58-60 ft	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	-	5.9 UJ	5.2 UJ	5.3 UJ	5.3 UJ	5.2 UJ
1,1-Dichloroethene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
2-Butanone	µg/kg	-	24 UJ	21 UJ	21 UJ	21 UJ	21 UJ
2-Hexanone	µg/kg	-	24 UJ	21 UJ	21 UJ	21 UJ	21 UJ
4-Methyl-2-pentanone	µg/kg	-	24 UJ	21 UJ	21 UJ	21 UJ	21 UJ
Acetone	µg/kg	-	24 UJ	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	R	R	R	R	R
Carbon disulfide	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Chloroethane	µg/kg	-	12 U	10 U	11 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	12 U	10 U	11 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	780,000	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Methylene chloride	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Styrene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	-	1.7 J	5.2 U	5.3 U	5.3 U	5.2 U
Toluene	µg/kg	1,000,000	1.3 J	1.2 J	5.3 U	5.3 U	1.2 J
trans-1,2-Dichloroethene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Trichloroethene	µg/kg	-	5.9 U	5.2 U	5.3 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	-	12 U	10 U	11 U	11 U	10 U
Xylene (total)	µg/kg	1,000,000	18 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	-	3	1.2 J	21 UJ	21 UJ	1.2 J
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U8-SB1*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*
Sample ID:			*S-18631-092701-MEJ-011b*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*
Sample Date:			*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*
			58-60 ft	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
1,3-Dichlorobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
1,4-Dichlorobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	390 UJ	340 UJ	350 UJ	350 UJ	340 UJ
2,4,5-Trichlorophenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,4-Dichlorophenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,4-Dimethylphenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,4-Dinitrophenol	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2,6-Dinitrotoluene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2-Chloronaphthalene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2-Chlorophenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2-Methyl naphthalene	µg/kg	-	41 J	340 U	350 U	350 U	340 U
2-Methylphenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
2-Nitroaniline	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	390 U	340 U	350 U	350 U	340 U
4-Chloro-3-methylphenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
4-Chloroaniline	µg/kg	-	390 U	340 U	350 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	390 U	340 U	350 U	350 U	340 U
4-Methylphenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
4-Nitroaniline	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	-	100 J	340 U	350 U	350 U	340 U
Acenaphthylene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Anthracene	µg/kg	-	210 J	340 U	350 U	350 U	340 U
Benzo(a)anthracene	µg/kg	11,000	320 J	340 U	350 U	350 U	340 U
Benzo(a)pyrene	µg/kg	-	270 J	340 U	350 U	350 U	340 U
Benzo(b)fluoranthene	µg/kg	11,000	200 J	340 U	350 U	350 U	340 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	180 J	340 U	350 U	350 U	340 U
Benzo(k)fluoranthene	µg/kg	110,000	240 J	340 U	350 U	350 U	340 U
bis(2-Chloroethoxy)methane	µg/kg	-	390 U	340 U	350 U	350 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	390 U	340 U	350 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	1000	260 J	760	110 J	89 J
Butyl benzylphthalate	µg/kg	-	390 U	340 U	350 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*	*Sample Location:* U8-SB1 *Sample ID:* S-18631-092701-MEJ-011b *Sample Date:* 9/27/2001 *58-60 ft*	*Sample Location:* U8-SB2 *Sample ID:* S-18631-092701-MEJ-009a *Sample Date:* 9/27/2001 *12-14 ft*	*Sample Location:* U8-SB2 *Sample ID:* S-18631-092701-MEJ-009b *Sample Date:* 9/27/2001 *18-20 ft*	*Sample Location:* U8-SB3 *Sample ID:* S-18631-092701-MEJ-010a *Sample Date:* 9/27/2001 *6-8 ft*	*Sample Location:* U8-SB3 *Sample ID:* S-18631-092701-MEJ-010b *Sample Date:* 9/27/2001 *18-20 ft*
Carbazole	µg/kg	-	120 J	340 U	350 U	350 U	340 U
Chrysene	µg/kg	110,000	310 J	340 U	350 U	350 U	340 U
Dibenz(a,h)anthracene	µg/kg	-	50 J	340 U	350 U	350 U	340 U
Dibenzofuran	µg/kg	-	64 J	340 U	350 U	350 U	340 U
Diethyl phthalate	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Dimethyl phthalate	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Di-n-butylphthalate	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Di-n-octyl phthalate	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Fluoranthene	µg/kg	1,000,000	760	340 U	350 U	350 U	340 U
Fluorene	µg/kg	-	110 J	340 U	350 U	350 U	340 U
Hexachlorobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Hexachlorobutadiene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	1900 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
Hexachloroethane	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	200 J	340 U	350 U	350 U	340 U
Isophorone	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Naphthalene	µg/kg	-	89 J	340 U	350 U	350 U	340 U
Nitrobenzene	µg/kg	-	390 U	340 U	350 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	390 U	340 U	350 U	350 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Pentachlorophenol	µg/kg	-	1900 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	-	750	340 U	350 U	350 U	340 U
Phenol	µg/kg	-	390 U	340 U	350 U	350 U	340 U
Pyrene	µg/kg	-	580	340 U	350 U	350 U	340 U
Total SVOCs	µg/kg	-	5594	260	760	110 J	89 J
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	290 J	18 U	48	18 U	17 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	-	39 U	34 U	35 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	-	39 U	34 U	35 U	35 U	34 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U8-SB1*	*U8-SB2*	*U8-SB2*	*U8-SB3*	*U8-SB3*
	Sample ID:		*S-18631-092701-MEJ-011b*	*S-18631-092701-MEJ-009a*	*S-18631-092701-MEJ-009b*	*S-18631-092701-MEJ-010a*	*S-18631-092701-MEJ-010b*
	Sample Date:		*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*	*9/27/2001*
			58-60 ft	*12-14 ft*	*18-20 ft*	*6-8 ft*	*18-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
General Chemistry							
Phenolics (Total)	mg/kg	-	1.2 U	1.0 U	1.1 U	1.1 U	1.0 U
Total Solids	%	-	85.0	95.7	94.6	93.5	95.8

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*	*Sample Location:* U8-SB4 *Sample ID:* S-18631-092801-MEJ-012a *Sample Date:* 9/28/2001 22-24 ft	*Sample Location:* U8-SB4 *Sample ID:* S-18631-100101-MEJ-012b *Sample Date:* 10/1/2001 50-52 ft	*Sample Location:* U18-SB1 *Sample ID:* S-18631-092501-MEJ-004a *Sample Date:* 9/25/2001 2-4 ft	*Sample Location:* U18-SB1 *Sample ID:* S-18631-092501-MEJ-004b *Sample Date:* 9/25/2001 18-20 ft	*Sample Location:* U18-SB1 *Sample ID:* S-18631-092501-MEJ-005a *Sample Date:* 9/25/2001 2-4 ft
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethane	µg/kg	-	5.4 UJ	6.2 UJ	5.3 U	5.2 U	5.3 U
1,1-Dichloroethene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloroethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloropropane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
2-Butanone	µg/kg	-	22 UJ	25 UJ	21 U	21 U	21 U
2-Hexanone	µg/kg	-	22 UJ	25 UJ	21 U	21 U	21 UJ
4-Methyl-2-pentanone	µg/kg	-	22 UJ	25 UJ	21 U	21 U	21 U
Acetone	µg/kg	-	22 UJ	13 J	21 UJ	21 UJ	21 U
Benzene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Bromodichloromethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Bromoform	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Bromomethane	µg/kg	-	R	R	11 U	10 U	R
Carbon disulfide	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Carbon tetrachloride	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Chlorobenzene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Chloroethane	µg/kg	-	11 U	12 U	11 U	10 U	11 UJ
Chloroform (Trichloromethane)	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Chloromethane	µg/kg	-	11 U	12 U	11 U	10 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Dibromochloromethane	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Ethylbenzene	µg/kg	780,000	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Methylene chloride	µg/kg	-	5.4 U	6.2 U	5.3 UJ	5.2 UJ	5.3 U
Styrene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Tetrachloroethene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Toluene	µg/kg	1,000,000	5.4 U	6.2 U	1.7 J	2.6 J	5.3 U
trans-1,2-Dichloroethene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Trichloroethene	µg/kg	-	5.4 U	6.2 U	5.3 U	5.2 U	5.3 U
Vinyl chloride	µg/kg	-	11 U	12 U	11 U	10 U	11 U
Xylene (total)	µg/kg	1,000,000	16 U	19 U	16 U	16 U	16 U
Total VOCs	µg/kg	-	22 UJ	13 J	1.7 J	2.6 J	21 UJ
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U8-SB4*	*U8-SB4*	*U18-SB1*	*U18-SB1*	*U18-SB1*
	Sample ID:		*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*
	Sample Date:		*9/28/2001*	*10/1/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*
			22-24 ft	*50-52 ft*	*2-4 ft*	*18-20 ft*	*2-4 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
1,3-Dichlorobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
1,4-Dichlorobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	360 UJ	410 U	350 U	340 U	350 U
2,4,5-Trichlorophenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,4,6-Trichlorophenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,4-Dichlorophenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,4-Dimethylphenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,4-Dinitrophenol	µg/kg	-	1700 U	2000 UJ	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2,6-Dinitrotoluene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2-Chloronaphthalene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2-Chlorophenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2-Methyl naphthalene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2-Methylphenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
2-Nitroaniline	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	360 U	410 U	350 U	340 U	350 U
4-Chloro-3-methylphenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
4-Chloroaniline	µg/kg	-	360 U	410 U	350 U	340 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	-	360 U	410 U	350 U	340 U	350 U
4-Methylphenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
4-Nitroaniline	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Acenaphthylene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Anthracene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Benzo(a)anthracene	µg/kg	11,000	360 U	410 U	350 U	340 U	350 U
Benzo(a)pyrene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Benzo(b)fluoranthene	µg/kg	11,000	360 U	410 U	350 U	340 U	350 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	360 U	410 U	350 U	340 U	350 U
Benzo(k)fluoranthene	µg/kg	110,000	360 U	410 U	350 U	340 U	350 U
bis(2-Chloroethoxy)methane	µg/kg	-	360 U	410 U	350 U	340 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	360 U	410 U	350 U	340 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	230 J	66 J	210 J	64 J	91 J
Butyl benzylphthalate	µg/kg	-	360 U	410 U	350 U	340 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U8-SB4*	*U8-SB4*	*U18-SB1*	*U18-SB1*	*U18-SB1*
	Sample ID:		*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*
	Sample Date:		*9/28/2001*	*10/1/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*
			22-24 ft	*50-52 ft*	*2-4 ft*	*18-20 ft*	*2-4 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Carbazole	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Chrysene	µg/kg	110,000	360 U	410 U	350 U	340 U	350 U
Dibenz(a,h)anthracene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Dibenzofuran	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Diethyl phthalate	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Dimethyl phthalate	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Di-n-butylphthalate	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Di-n-octyl phthalate	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Fluoranthene	µg/kg	1,000,000	360 U	410 U	350 U	340 U	350 U
Fluorene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Hexachlorobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Hexachlorobutadiene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	1700 UJ	2000 U	1700 UJ	1700 UJ	1700 UJ
Hexachloroethane	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	360 U	410 U	350 U	340 U	350 U
Isophorone	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Naphthalene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Nitrobenzene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	360 U	410 U	350 U	340 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Pentachlorophenol	µg/kg	-	1700 U	2000 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Phenol	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Pyrene	µg/kg	-	360 U	410 U	350 U	340 U	350 U
Total SVOCs	µg/kg	-	230 J	66 J	210 J	64 J	91 J
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	5.6 J	20 U	18 U	18 U	17 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	-	36 U	41 U	35 U	34 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	-	36 U	41 U	35 U	34 U	35 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U8-SB4*	*U8-SB4*	*U18-SB1*	*U18-SB1*	*U18-SB1*
	Sample ID:		*S-18631-092801-MEJ-012a*	*S-18631-100101-MEJ-012b*	*S-18631-092501-MEJ-004a*	*S-18631-092501-MEJ-004b*	*S-18631-092501-MEJ-005a*
	Sample Date:		*9/28/2001*	*10/1/2001*	*9/25/2001*	*9/25/2001*	*9/25/2001*
			22-24 ft	*50-52 ft*	*2-4 ft*	*18-20 ft*	*2-4 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
General Chemistry							
Phenolics (Total)	mg/kg	-	1.1 U	1.2 U	1.1 U	1.0 U	1.1 U
Total Solids	%	-	91.9	81.0	95.0	95.9	95.0

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U18-SB1*	*U18-SB2*	*U18-SB2*	*U18-SB3*	*U18-SB3*
	Sample ID:		*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*
	Sample Date:		*9/25/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*
			18-20 ft	*2-4 ft*	*18-20 ft*	*18-20 ft*	*40-42 ft*
		6 NYCRR 375 Restrictive Use Industrial	*(Duplicate)*				
Parameter	*Unit*	*Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,1-Dichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,1-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,2-Dichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
2-Butanone	µg/kg	-	21 U	21 U	21 U	3.2 J	21 U
2-Hexanone	µg/kg	-	21 UJ	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U
Acetone	µg/kg	-	21 U	21 U	21 U	21 U	21 U
Benzene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Bromomethane	µg/kg	-	R	11 U	10 U	10 U	10 U
Carbon disulfide	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Carbon tetrachloride	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Chlorobenzene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Chloroethane	µg/kg	-	10 UJ	11 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Chloromethane	µg/kg	-	10 U	11 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Ethylbenzene	µg/kg	780,000	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Methylene chloride	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Styrene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Tetrachloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Toluene	µg/kg	1,000,000	5.2 U	6.1 U	16	32	34
trans-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Trichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U	5.2 U
Vinyl chloride	µg/kg	-	10 U	11 U	10 U	10 U	10 U
Xylene (total)	µg/kg	1,000,000	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	-	21 UJ	21 U	16	35.2	34
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U18-SB1*	*U18-SB2*	*U18-SB2*	*U18-SB3*	*U18-SB3*
Sample ID:			*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*
Sample Date:			*9/25/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*
			18-20 ft	*2-4 ft*	*18-20 ft*	*18-20 ft*	*40-42 ft*
		6 NYCRR 375 Restrictive Use Industrial	*(Duplicate)*				
Parameter	*Unit*	*Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
1,3-Dichlorobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
1,4-Dichlorobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,4,5-Trichlorophenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,4,6-Trichlorophenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,4-Dichlorophenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,4-Dimethylphenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,4-Dinitrophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2,6-Dinitrotoluene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2-Chloronaphthalene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2-Chlorophenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2-Methyl naphthalene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2-Methylphenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
2-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	340 U	350 U	350 U	340 U	350 U
4-Chloro-3-methylphenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
4-Chloroaniline	µg/kg	-	340 U	350 U	350 U	340 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	-	340 U	350 U	350 U	340 U	350 U
4-Methylphenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
4-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Acenaphthylene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Anthracene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Benzo(a)anthracene	µg/kg	11,000	340 U	350 U	350 U	340 U	350 U
Benzo(a)pyrene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Benzo(b)fluoranthene	µg/kg	11,000	340 U	350 U	350 U	340 U	350 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	340 U	350 U	350 U	340 U	350 U
Benzo(k)fluoranthene	µg/kg	110,000	340 U	350 U	350 U	340 U	350 U
bis(2-Chloroethoxy)methane	µg/kg	-	340 U	350 U	350 U	340 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	340 U	350 U	350 U	340 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	78 J	55 J	250 J	880	75 J
Butyl benzylphthalate	µg/kg	-	340 U	350 U	350 U	340 U	350 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U18-SB1*	*U18-SB2*	*U18-SB2*	*U18-SB3*	*U18-SB3*
	Sample ID:		*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*
	Sample Date:		*9/25/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*
			18-20 ft	*2-4 ft*	*18-20 ft*	*18-20 ft*	*40-42 ft*
		6 NYCRR 375 Restrictive Use Industrial	*(Duplicate)*				
Parameter	*Unit*	*Soil Criteria*					
Carbazole	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Chrysene	µg/kg	110,000	340 U	350 U	350 U	340 U	350 U
Dibenz(a,h)anthracene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Dibenzofuran	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Diethyl phthalate	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Dimethyl phthalate	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Di-n-butylphthalate	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Di-n-octyl phthalate	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Fluoranthene	µg/kg	1,000,000	340 U	350 U	350 U	340 U	350 U
Fluorene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Hexachlorobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Hexachlorobutadiene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	1700 UJ	1700 U	1700 U	1700 U	1700 UJ
Hexachloroethane	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	340 U	350 U	350 U	340 U	350 U
Isophorone	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Naphthalene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Nitrobenzene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	340 U	350 U	350 U	340 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Pentachlorophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Phenol	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Pyrene	µg/kg	-	340 U	350 U	350 U	340 U	350 U
Total SVOCs	µg/kg	-	78 J	55 J	250 J	880	75 J
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	17 U	19 U	18 U	20 U	21 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	-	34 U	35 U	35 U	34 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	-	34 U	35 U	35 U	34 U	35 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U18-SB1*	*U18-SB2*	*U18-SB2*	*U18-SB3*	*U18-SB3*
	Sample ID:		*S-18631-092501-MEJ-005b*	*S-18631-092401-MEJ-001a*	*S-18631-092401-MEJ-001b*	*S-18631-092401-MEJ-002a*	*S-18631-092401-MEJ-002b*
	Sample Date:		*9/25/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*	*9/24/2001*
			18-20 ft	*2-4 ft*	*18-20 ft*	*18-20 ft*	*40-42 ft*
		6 NYCRR 375 Restrictive Use Industrial Soil Criteria	*(Duplicate)*				
Parameter	*Unit*						
General Chemistry							
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Total Solids	%	-	95.7	94.8	95.6	96.1	95.4

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*	*U19-SB2*
Sample ID:			*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*	*S-18631-092601-MEJ-006a*
Sample Date:			*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*
			4-6 ft	*22-24 ft*	*2-4 ft*	*18-20 ft*	*20-22 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
2-Butanone	µg/kg	-	21 U	21 U	21 U	21 U	21 U
2-Hexanone	µg/kg	-	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
Acetone	µg/kg	-	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	11 U	11 U	10 U	11 U	10 U
Carbon disulfide	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloroethane	µg/kg	-	11 U	11 U	10 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	11 U	11 U	10 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	780,000	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Methylene chloride	µg/kg	-	5.3 UJ	5.3 UJ	5.2 UJ	5.3 UJ	5.2 UJ
Styrene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Toluene	µg/kg	1,000,000	3.4 J	3.9 J	5.2 U	1.2 J	5.2 U
trans-1,2-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Trichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	-	11 U	11 U	10 U	11 U	10 U
Xylene (total)	µg/kg	1,000,000	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	-	3.4 J	3.9 J	21 U	1.2 J	21 U
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*	*U19-SB2*
Sample ID:			*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*	*S-18631-092601-MEJ-006a*
Sample Date:			*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*
			4-6 ft	*22-24 ft*	*2-4 ft*	*18-20 ft*	*20-22 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
1,3-Dichlorobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
1,4-Dichlorobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,4,5-Trichlorophenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,4-Dichlorophenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,4-Dimethylphenol	µg/kg	-	5600	240 J	340 U	350 U	340 U
2,4-Dinitrophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 UJ
2,4-Dinitrotoluene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2,6-Dinitrotoluene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2-Chloronaphthalene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2-Chlorophenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2-Methyl naphthalene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2-Methylphenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
2-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	350 U	350 U	340 U	350 U	340 U
4-Chloro-3-methylphenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
4-Chloroaniline	µg/kg	-	350 U	350 U	340 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	350 U	350 U	340 U	350 U	340 U
4-Methylphenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
4-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Acenaphthylene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Anthracene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Benzo(a)anthracene	µg/kg	11,000	350 U	350 U	340 U	350 U	340 U
Benzo(a)pyrene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Benzo(b)fluoranthene	µg/kg	11,000	350 U	350 U	340 U	350 U	340 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	350 U	350 U	340 U	350 U	340 U
Benzo(k)fluoranthene	µg/kg	110,000	350 U	350 U	340 U	350 U	340 U
bis(2-Chloroethoxy)methane	µg/kg	-	350 U	350 U	340 U	350 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	350 U	350 U	340 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	160 J	180 J	340 U	39 J	340 U
Butyl benzylphthalate	µg/kg	-	350 U	350 U	340 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*	*U19-SB2*
	Sample ID:		*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*	*S-18631-092601-MEJ-006a*
	Sample Date:		*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*
			4-6 ft	*22-24 ft*	*2-4 ft*	*18-20 ft*	*20-22 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Carbazole	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Chrysene	µg/kg	110,000	350 U	350 U	340 U	350 U	340 U
Dibenz(a,h)anthracene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Dibenzofuran	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Diethyl phthalate	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Dimethyl phthalate	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Di-n-butylphthalate	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Di-n-octyl phthalate	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Fluoranthene	µg/kg	1,000,000	350 U	350 U	49 J	350 U	340 U
Fluorene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Hexachlorobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Hexachlorobutadiene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	1700 UJ	1700 UJ	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	350 U	350 U	340 U	350 U	340 U
Isophorone	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Naphthalene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Nitrobenzene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	350 U	350 U	340 U	350 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Pentachlorophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Phenol	µg/kg	-	350 U	350 U	340 U	350 U	340 U
Pyrene	µg/kg	-	350 U	350 U	41 J	350 U	340 U
Total SVOCs	µg/kg	-	5760	420	90 J	39 J	1700 U
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	57	4.4 J	17 U	17 U	17 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	-	35 U	35 U	34 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	-	35 U	35 U	34 U	35 U	34 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U18-SB4*	*U18-SB4*	*U19-SB1*	*U19-SB1*	*U19-SB2*
	Sample ID:		*S-18631-092501-MEJ-003a*	*S-18631-092501-MEJ-003b*	*S-18631-092601-MEJ-007a*	*S-18631-092601-MEJ-007b*	*S-18631-092601-MEJ-006a*
	Sample Date:		*9/25/2001*	*9/25/2001*	*9/26/2001*	*9/26/2001*	*9/26/2001*
			4-6 ft	*22-24 ft*	*2-4 ft*	*18-20 ft*	*20-22 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
General Chemistry							
Phenolics (Total)	mg/kg	-	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U
Total Solids	%	-	95.0	95.1	96.0	93.9	96.2

Notes:

ND - Non-detect at associated value.
U - Non-detect at associated value.
J - Associated value is considered estimated.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
Sample ID:			*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:			*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
			28-30 ft	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
2-Butanone	µg/kg	-	21 U	21 U	21 U	21 UJ	21 UJ
2-Hexanone	µg/kg	-	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
Acetone	µg/kg	-	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	11 U	11 U	10 U	R	R
Carbon disulfide	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloroethane	µg/kg	-	11 U	11 U	10 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	11 U	11 U	10 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	780,000	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Methylene chloride	µg/kg	-	5.3 UJ	5.3 UJ	5.2 UJ	5.3 U	5.2 U
Styrene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Toluene	µg/kg	1,000,000	1.3 J	5.3 U	2.8 J	2.6 J	2.6 J
trans-1,2-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Trichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	-	11 U	11 U	10 U	11 U	10 U
Xylene (total)	µg/kg	1,000,000	16 U	16 U	16 U	16 U	16 U
Total VOCs	µg/kg	-	1.3 J	21 U	2.8 J	2.6 J	2.6 J
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
	Sample ID:		*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:		*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
			28-30 ft	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
1,3-Dichlorobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
1,4-Dichlorobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,4,5-Trichlorophenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,4-Dichlorophenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,4-Dimethylphenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,4-Dinitrophenol	µg/kg	-	1700 UJ	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2,6-Dinitrotoluene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2-Chloronaphthalene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2-Chlorophenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2-Methyl naphthalene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2-Methylphenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
2-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	350 U	350 U	350 U	350 U	340 U
4-Chloro-3-methylphenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
4-Chloroaniline	µg/kg	-	350 U	350 U	350 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	350 U	350 U	350 U	350 U	340 U
4-Methylphenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
4-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Acenaphthylene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Anthracene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Benzo(a)anthracene	µg/kg	11,000	350 U	350 U	350 U	170 J	340 U
Benzo(a)pyrene	µg/kg	-	350 U	350 U	350 U	200 J	340 U
Benzo(b)fluoranthene	µg/kg	11,000	350 U	350 U	350 U	190 J	340 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	350 U	350 U	350 U	210 J	340 U
Benzo(k)fluoranthene	µg/kg	110,000	350 U	350 U	350 U	220 J	340 U
bis(2-Chloroethoxy)methane	µg/kg	-	350 U	350 U	350 U	350 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	350 U	350 U	350 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	350 U	350 U	350 U	350 U	55 J
Butyl benzylphthalate	µg/kg	-	350 U	350 U	350 U	350 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
	Sample ID:		*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:		*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
			28-30 ft	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Carbazole	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Chrysene	µg/kg	110,000	350 U	350 U	350 U	230 J	340 U
Dibenz(a,h)anthracene	µg/kg	-	350 U	350 U	350 U	44 J	340 U
Dibenzofuran	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Diethyl phthalate	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Dimethyl phthalate	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Di-n-butylphthalate	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Di-n-octyl phthalate	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Fluoranthene	µg/kg	1,000,000	350 U	350 U	350 U	470	340 U
Fluorene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Hexachlorobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Hexachlorobutadiene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	350 U	350 U	350 U	210 J	340 U
Isophorone	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Naphthalene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Nitrobenzene	µg/kg	-	350 U	350 U	350 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	350 U	350 U	350 U	350 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Pentachlorophenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	-	350 U	350 U	350 U	250 J	340 U
Phenol	µg/kg	-	350 U	350 U	350 U	350 U	340 U
Pyrene	µg/kg	-	350 U	350 U	350 U	420	340 U
Total SVOCs	µg/kg	-	1700 U	1700 U	1700 U	2614	55 J
Total Petroleum Hydrocarbons							
TPH (C21-C28)	mg/kg	-	18 U	17 U	17 U	6.7 J	21 U
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	-	35 U	35 U	35 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	-	35 U	35 U	35 U	35 U	34 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U19-SB2*	*U19-SB3*	*U19-SB3*	*U25-SB1*	*U25-SB1*
	Sample ID:		*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:		*9/26/2001*	*9/26/2001*	*9/26/2001*	*10/9/2001*	*10/9/2001*
			28-30 ft	*0-2 ft*	*18-20 ft*	*0-4 ft*	*16-20 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
General Chemistry							
Phenolics (Total)	mg/kg	-	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U
Total Solids	%	-	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.

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
	Sample ID:		*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:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
			0-4 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1,2,2-Tetrachloroethane	µg/kg	-	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	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,1-Dichloroethene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
1,2-Dichloroethane	µg/kg	-	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	-	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	-	21 UJ	20 UJ	22 UJ	21 UJ	100 U
Benzene	µg/kg	-	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	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Carbon tetrachloride	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Chlorobenzene	µg/kg	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Chloroethane	µg/kg	-	11 U	10 U	11 U	10 U	51 U
Chloroform (Trichloromethane)	µg/kg	-	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	780,000	5.3 U	5.1 U	5.4 U	5.2 U	210
Methylene chloride	µg/kg	-	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	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Toluene	µg/kg	1,000,000	2.8 J	3.1 J	3.0 J	2.6 J	18 J
trans-1,2-Dichloroethene	µg/kg	-	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	-	5.3 U	5.1 U	5.4 U	5.2 U	26 U
Vinyl chloride	µg/kg	-	11 U	10 U	11 U	10 U	51 U
Xylene (total)	µg/kg	1,000,000	16 U	15 U	16 U	16 U	14000
Total VOCs	µg/kg	-	2.8 J	3.1 J	3.0 J	2.6 J	14228
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
	Sample ID:		*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:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
			0-4 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
1,2-Dichlorobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
1,3-Dichlorobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
1,4-Dichlorobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,4,5-Trichlorophenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,4-Dichlorophenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,4-Dimethylphenol	µg/kg	-	350 U	340 U	360 U	340 U	1000
2,4-Dinitrophenol	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
2,4-Dinitrotoluene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2,6-Dinitrotoluene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2-Chloronaphthalene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2-Chlorophenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2-Methyl naphthalene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2-Methylphenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
2-Nitroaniline	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
2-Nitrophenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
3-Nitroaniline	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
4-Bromophenyl phenyl ether	µg/kg	-	350 U	340 U	360 U	340 U	340 U
4-Chloro-3-methylphenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
4-Chloroaniline	µg/kg	-	350 U	340 U	360 U	340 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	350 U	340 U	360 U	340 U	340 U
4-Methylphenol	µg/kg	-	350 U	340 U	360 U	340 U	340 U
4-Nitroaniline	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
4-Nitrophenol	µg/kg	-	1700 UJ	1600 UJ	1700 UJ	1700 UJ	1600 U
Acenaphthene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Acenaphthylene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Anthracene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Benzo(a)anthracene	µg/kg	11,000	39 J	340 U	360 U	340 U	340 U
Benzo(a)pyrene	µg/kg	-	56 J	340 U	360 U	340 U	340 U
Benzo(b)fluoranthene	µg/kg	11,000	55 J	340 U	360 U	340 U	340 U
Benzo(g,h,i)perylene	µg/kg	1,000,000	62 J	340 U	360 U	340 U	340 U
Benzo(k)fluoranthene	µg/kg	110,000	58 J	340 U	360 U	340 U	340 U
bis(2-Chloroethoxy)methane	µg/kg	-	350 U	340 U	360 U	340 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	350 U	340 U	360 U	340 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	-	350 U	40 J	360 U	340 U	340 U
Butyl benzylphthalate	µg/kg	-	350 U	340 U	360 U	340 U	340 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
	Sample ID:		*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:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
			0-4 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
Carbazole	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Chrysene	µg/kg	110,000	60 J	340 U	360 U	340 U	340 U
Dibenz(a,h)anthracene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Dibenzofuran	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Diethyl phthalate	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Dimethyl phthalate	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Di-n-butylphthalate	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Di-n-octyl phthalate	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Fluoranthene	µg/kg	1,000,000	100 J	340 U	360 U	340 U	340 U
Fluorene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Hexachlorobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Hexachlorobutadiene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
Hexachloroethane	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	11,000	58 J	340 U	360 U	340 U	340 U
Isophorone	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Naphthalene	µg/kg	-	350 U	340 U	360 U	340 U	380
Nitrobenzene	µg/kg	-	350 U	340 U	360 U	340 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	350 U	340 U	360 U	340 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	350 U	340 U	360 U	340 U	340 U
Pentachlorophenol	µg/kg	-	1700 U	1600 U	1700 U	1700 U	1600 U
Phenanthrene	µg/kg	-	43 J	340 U	360 U	340 U	340 U
Phenol	µg/kg	-	**86 J**	340 U	360 U	340 U	340 U
Pyrene	µg/kg	-	93 J	340 U	360 U	340 U	340 U
Total SVOCs	µg/kg	-	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	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	-	35 U	34 U	36 U	34 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	-	35 U	34 U	36 U	34 U	34 U

TABLE 2.2

SOIL ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA, USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*U25-SB2*	*U25-SB2*	*U25-SB3*	*U25-SB3*	*VRI-1*
	Sample ID:		*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:		*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/9/2001*	*10/12/2001*
			0-4 ft	*16-20 ft*	*0-4 ft*	*16-20 ft*	*55-57 ft*
Parameter	*Unit*	*6 NYCRR 375 Restrictive Use Industrial Soil Criteria*					
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.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001 Duplicate*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
Parameters	*Units*	*NYSDEC GA Groundwater Standards*														
Volatiles																
1,1,1,2-Tetrachloroethane	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,1,2,2-Tetrachloroethane	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,1,2-Trichloroethane	ug/L	1	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,1-Dichloroethane	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,1-Dichloroethene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,1-Dichloropropene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	0.04	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
1,2,4-Trimethylbenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.04	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.0006	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
1,2-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
1,2-Dichloroethane	ug/L	0.6	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,2-Dichloroethene (total)	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
1,3,5-Trimethylbenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
1,3-Dichloropropane	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
2,2-Dichloropropane	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	50	-	-	-	-	-	-	-	-	5.0 U	5.0 U	5 U	5.0 U	-	-
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	50	-	-	-	-	-	-	-	-	5.0 U	5.0 U	5 UJ	5.0 U	-	-
2-Phenylbutane (sec-Butylbenzene)	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
4-Chlorotoluene	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	5 U	5.0 U	-	-
Acetone	ug/L	50	-	-	-	-	-	-	-	-	10 UJ	10 UJ	10 UJ	5.0 U	-	-
Benzene	ug/L	1	**1200**	-	**530**	**31**	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
Bromobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Bromodichloromethane	ug/L	50	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	0.22 J	-	-
Bromoform	ug/L	50	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
Bromomethane (Methyl bromide)	ug/L	5	-	-	-	-	-	-	-	5 U	1.0 U	1.0 U	2 U	1.0 UJ	-	-
Carbon disulfide	ug/L	6060	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1 U	1.0 U	-	-
Carbon tetrachloride	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 UJ	1.0 U	1 U	1.0 U	-	-
Chlorobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
Chlorobromomethane	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chloroethane	ug/L	5	-	-	-	-	-	-	-	5 U	2.0 UJ	2.0 U	2 U	1.0 U	-	-
Chloroform (Trichloromethane)	ug/L	7	-	-	-	-	-	-	-	5 U	1.0 U	1.0 U	1 U	0.35 J	-	-
Chloromethane (Methyl chloride)	ug/L	5	-	-	-	-	-	-	-	10 U	2.0 U	2.0 U	2 UJ	1.0 U	-	-
cis-1,2-Dichloroethene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
cis-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1 U	1.0 U	-	-
Cyclohexane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	1.0 U	-	-
Cymene (p-Isopropyltoluene)	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Dibromochloromethane	ug/L	50	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	0.25 J	-	-
Dibromomethane	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	5	-	-	-	-	-	-	-	10 U	-	-	-	1.0 U	-	-
Ethylbenzene	ug/L	5	**160000**	-	-	**27**	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
		NYSDEC										*Duplicate*				
		GA Groundwater														
Hexachlorobutadiene	ug/L	0.5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Isopropyl benzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	1.0 U	-	-
Methyl cyclohexane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	1.0 U	-	-
Methyl tert butyl ether (MTBE)	ug/L	10	-	-	-	-	-	-	-	5 U	-	-	-	1.0 U	-	-
Methylene chloride	ug/L	5	-	-	85	81	-	-	-	10 U	2.0 U	2.0 U	2 U	0.36 J	-	-
Naphthalene	ug/L	10	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
N-Butylbenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
N-Propylbenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
o-Xylene	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
tert-Butylbenzene	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	0.28 J	-	-
Toluene	ug/L	5	350	-	1	-	-	-	-	2 U	1.0 U	1.0 U	0.29 J	1.0 U	3	-
trans-1,2-Dichloroethene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
trans-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1 U	1.0 U	-	-
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	5	-	-	-	-	-	-	-	2 U	1.0 U	1.0 U	1 U	1.0 U	-	-
Trichlorofluoromethane (CFC-11)	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	1.0 U	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	2	-	-	-	-	-	-	-	10 U	2.0 U	2.0 U	2 U	1.0 U	-	-
Xylenes (total)	ug/L	-	1130	-	340	190	-	-	-	2 U	3.0 U	3.0 U	3 U	3.0 U	4	-
Semi-volatiles																
1,2,4,5-Tetrachlorobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	5	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-	-	-
1,2-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-	-	-
1,4-Dichlorobenzene	ug/L	3	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	5	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	2.0 U	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
2,4,6-Trichlorophenol	ug/L	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
2,4-Dichlorophenol	ug/L	5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	2.0 U	-	-
2,4-Dimethylphenol	ug/L	50	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
2,4-Dinitrophenol	ug/L	10	-	-	-	-	-	-	-	-	50 U	50 U	50 UJ	50 U	-	-
2,4-Dinitrotoluene	ug/L	5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
2-Chloronaphthalene	ug/L	10	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
2-Chlorophenol	ug/L	-	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
2-Methylnaphthalene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
2-Methylphenol	ug/L	-	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
2-Nitroaniline	ug/L	5	-	-	-	-	-	-	-	20 U	50 U	50 U	50 U	50 U	-	-
2-Nitrophenol	ug/L	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
2-Picoline	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
		NYSDEC										*Duplicate*				
		GA Groundwater														
3,3'-Dichlorobenzidine	ug/L	5	-	-	-	-	-	-	-	5 U	50 U	50 U	R	10 U	-	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
3-Nitroaniline	ug/L	5	-	-	-	-	-	-	-	20 U	50 U	50 U	50 U	50 U	-	-
4,6-Dinitro-2-methylphenol	ug/L	-	-	-	-	-	-	-	-	50 U	50 U	50 U	50 UJ	50 U	-	-
4-Aminobiphenyl	ug/L	5	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	10 U	-	-
4-Chloro-3-methylphenol	ug/L	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
4-Chloroaniline	ug/L	5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
4-Chlorophenyl phenyl ether	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	10 U	-	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-	-
4-Nitroaniline	ug/L	5	-	-	-	-	-	-	-	20 U	50 U	50 U	50 U	50 U	-	-
4-Nitrophenol	ug/L	-	-	-	-	-	-	-	-	-	50 U	50 U	50 U	50 U	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Acenaphthene	ug/L	20	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Acenaphthylene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Acetophenone	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	10 U	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Anthracene	ug/L	50	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Atrazine	ug/L	7.5	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Benzaldehyde	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Benzidine	ug/L	5	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	0.002	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Benzo(a)pyrene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Benzo(b)fluoranthene	ug/L	0.002	-	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Benzo(k)fluoranthene	ug/L	0.002	-	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-	-
Benzoic acid	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
bis(2-Chloroethoxy)methane	ug/L	5	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	10 U	-	-
bis(2-Chloroethyl)ether	ug/L	1	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
Butyl benzylphthalate (BBP)	ug/L	50	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
Caprolactam	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	50 U	-	-
Carbazole	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-	-
Chlordane	ug/L	0.05	-	-	-	-	-	-	-	30 U	-	-	-	-	-	-
Chrysene	ug/L	0.002	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Dibenz(a,h)anthracene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Dibenzofuran	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	10 U	-	-
Diethyl phthalate	ug/L	50	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
Dimethyl phthalate	ug/L	50	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
Di-n-butylphthalate (DBP)	ug/L	50	-	-	-	-	-	-	3 U	10 U	10 U	10 U	10 U	10 U	-	-
Di-n-octyl phthalate (DnOP)	ug/L	50	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	-	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
Fluoranthene	ug/L	50	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Fluorene	ug/L	50	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Hexachlorobenzene	ug/L	0.04	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	2.0 U	-	-
Hexachlorobutadiene	ug/L	0.5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	2.0 U	-	-
Hexachlorocyclopentadiene	ug/L	5	-	-	-	-	-	-	-	20 U	50 U	50 U	50 U	10 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
												Duplicate				
		NYSDEC GA Groundwater														
Hexachloroethane	ug/L	5	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	10 U	-	-
Indeno(1,2,3-cd)pyrene	ug/L	0.002	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Isophorone	ug/L	50	-	-	-	-	-	-	2 J	2 U	10 U	10 U	10 U	10 U	-	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Naphthalene	ug/L	10	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Nitrobenzene	ug/L	0.4	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	2.0 U	-	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	2.0 U	-	-
N-Nitrosodiphenylamine	ug/L	50	-	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Pentachlorophenol	ug/L	1	-	-	-	-	-	-	-	50 U	50 U	50 U	50 U	10 U	-	-
Phenacetin	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
Phenanthrene	ug/L	50	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Phenol	ug/L	1	-	12	2	-	-	27	-	5 U	10 U	10 U	10 U	2.0 U	-	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-	-	-
Pyrene	ug/L	50	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	2.0 U	-	-
Pyridine	ug/L	50	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Toxaphene	ug/L	0.06	-	-	-	-	-	-	-	20 U	-	-	-	-	-	-
Metals																
Aluminum	ug/L	-	-	-	-	-	-	-	3480	-	81.1 U	66.9 U	200 U	-	-	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	3	-	-	-	-	-	-	-	-	4.1 U	4.1 U	60 U	-	-	-
Antimony (dissolved)	ug/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	25	-	-	-	-	-	-	2.5 J	-	2.0 U	2.0 U	10 U	-	-	-
Arsenic (dissolved)	ug/L	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	1000	-	-	-	-	-	-	109 B	-	28.2	28.8	54	-	-	-
Barium (dissolved)	ug/L	1000	-	-	-	-	-	-	69.9 B	-	-	-	-	-	-	-
Beryllium	ug/L	3	-	-	-	-	-	-	-	-	0.077 U	0.077 U	5 U	-	-	-
Beryllium (dissolved)	ug/L	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	5	-	-	-	-	-	-	-	-	0.63 U	0.63 U	5 U	-	-	-
Cadmium (dissolved)	ug/L	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	-	-	-	-	173000	-	72600 J	74400 J	104000	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	136000	-	-	-	-	-	-	-
Chromium	ug/L	50	-	-	-	-	-	-	8.8 B	-	1.7	2.1	10 U	-	-	-
Chromium (dissolved)	ug/L	50	-	-	-	-	-	-	5.2 B	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	-	-	-	2.6 U	2.6 U	50 U	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	200	-	-	-	-	-	-	14 B	-	3.4 U	2.5 U	25 U	-	-	-
Copper (dissolved)	ug/L	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	300	-	-	-	-	-	-	8970 J	-	111	113	100 U	-	-	-
Iron (dissolved)	ug/L	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	25	-	-	-	-	-	-	7.9	-	1.8 U	2.9	3 U	-	-	-
Lead (dissolved)	ug/L	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	35000	-	-	-	-	-	-	17800	-	7340	7480	8970	-	-	-
Magnesium (dissolved)	ug/L	35000	-	-	-	-	-	-	13500	-	-	-	-	-	-	-
Manganese	ug/L	300	-	-	-	-	-	-	405	-	3.9	3.9	15 U	-	-	-
Manganese (dissolved)	ug/L	300	-	-	-	-	-	-	3.7 B	-	-	-	-	-	-	-
Mercury	ug/L	0.7	-	-	-	-	-	-	-	-	0.088 U	0.054 U	0.2 U	-	-	-
Mercury (dissolved)	ug/L	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
		NYSDEC										*Duplicate*				
		GA Groundwater														
Nickel	ug/L	100	-	-	-	-	-	-	-	-	7.9 U	7.9 U	40 U	-	-	-
Nickel (dissolved)	ug/L	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	-	-	-	-	-	-	1460 B	-	795 U	519 U	767	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	801 B	-	-	-	-	-	-	-
Selenium	ug/L	10	-	-	-	-	-	-	-	-	3.2 U	3.2 U	5 U	-	-	-
Selenium (dissolved)	ug/L	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	50	-	-	-	-	-	-	-	-	0.75 U	0.75 U	10 U	-	-	-
Silver (dissolved)	ug/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	20000	-	-	-	-	-	-	120000	-	100000	105000	201000	-	-	-
Sodium (dissolved)	ug/L	20000	-	-	-	-	-	-	125000	-	-	-	-	-	-	-
Thallium	ug/L	0.5	-	-	-	-	-	-	-	-	5.7 U	5.7 U	10 U	-	-	-
Thallium (dissolved)	ug/L	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	-	-	-	7.3 B	-	4.1 U	4.1 U	50 U	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	2000	-	-	-	-	-	-	46.8 J	-	3.2 U	4.1 U	20 U	-	-	-
Zinc (dissolved)	ug/L	2000	-	-	-	-	-	-	18.8 J	-	-	-	-	-	-	-
PCBs																
Aroclor-1016 (PCB-1016)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	2.5	3.7	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	0.9[a]	-	-	-	-	-	-	-	30 U	1.0 U	1.0 U	-	-	-	-
Total PCBs	ug/L	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																
4,4'-DDD	ug/L	0.3	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
4,4'-DDE	ug/L	0.2	-	-	-	-	-	-	-	20 U	0.0055 J	0.0097 J	-	-	-	-
4,4'-DDT	ug/L	0.2	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-
alpha-BHC	ug/L	0.01	-	-	-	-	-	-	-	10 U	0.050 U	0.050 U	-	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	0.04	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-
Chlordane	ug/L	0.05	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-
delta-BHC	ug/L	0.04	-	-	-	-	-	-	-	10 U	0.050 U	0.050 U	-	-	-	-
Dieldrin	ug/L	0.004	-	-	-	-	-	-	-	10 U	0.050 U	0.050 U	-	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Endrin	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Endrin aldehyde	ug/L	5	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Endrin ketone	ug/L	5	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-
gamma-BHC (lindane)	ug/L	0.05	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	0.04	-	-	-	-	-	-	-	10 U	0.050 U	0.050 U	-	-	-	-
Heptachlor epoxide	ug/L	0.03	-	-	-	-	-	-	-	20 U	0.050 U	0.050 U	-	-	-	-
Methoxychlor	ug/L	35	-	-	-	-	-	-	-	5 U	0.10 U	0.10 U	-	-	-	-
Toxaphene	ug/L	0.06	-	-	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-
Petroleum Products																

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-2*	*GT-2*
Sample ID:			*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GT-1*	*GW-18631-RW-007*	*GW-18631-RW-008*	*GW-18631-RW-11*	*GW-18631-093009-BP-006*	*GT-2*	*GT-2*
Sample Date:			*4/20/1987*	*5/27/1987*	*8/4/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/8/1992*	*12/12/1994*	*10/17/2001*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*4/20/1987*	*5/27/1987*
		NYSDEC										*Duplicate*				
		GA Groundwater														
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	100 UJ	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	-	-	-	-	-	470 U	470 U	480 U	-	-	-
General Chemistry																
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	200	-	-	-	-	-	-	-	-	10.0 U	10.0 U	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	1	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-
Sulfide	ug/L	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
Parameters	***Units***																
Volatiles																	
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 UJ
1,1,2-Trichloroethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloroethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloroethene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	-	-	-	-	-	5.0 U	5 U	5.0 U	-	-	-	-	-	5.0 UJ	5 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	-	-	-	-	-	5.0 U	5 UJ	5.0 U	-	-	-	-	-	5.0 UJ	5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	-	-	-	-	-	5.0 U	5 U	5.0 U	-	-	-	-	-	5.0 U	5 U
Acetone	ug/L	-	-	-	-	-	-	10 UJ	10 UJ	2.8 J	-	-	-	-	-	10 UJ	10 UJ
Benzene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	0.24 J	-	-	-	-	-	1.0 U	1 U
Bromoform	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Bromomethane (Methyl bromide)	ug/L	-	-	-	-	-	-	1.0 U	2 U	1.0 UJ	-	-	-	-	-	1.0 U	2 U
Carbon disulfide	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Carbon tetrachloride	ug/L	-	-	-	-	-	-	1.0 UJ	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Chlorobenzene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	-	-	-	-	-	-	2.0 UJ	2 U	1.0 U	-	-	-	-	-	2.0 UJ	2 U
Chloroform (Trichloromethane)	ug/L	-	-	-	-	-	-	1.0 U	1 U	0.22 J	-	-	-	-	-	1.0 U	1 U
Chloromethane (Methyl chloride)	ug/L	-	-	-	-	-	-	2.0 U	2 UJ	1.0 U	-	-	-	-	-	2.0 U	2 U
cis-1,2-Dichloroethene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
cis-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Cyclohexane	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Ethylbenzene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Methyl cyclohexane	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Methylene chloride	ug/L	-	-	-	-	-	-	2.0 U	2 U	0.25 J	-	-	-	-	-	2.0 U	2 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 UJ
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	-	-	-	-	-	-	1.0 U	1 U	0.33 J	-	-	-	-	-	1.0 U	1 U
Toluene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1
trans-1,2-Dichloroethene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
trans-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	-	-	-	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Trichlorofluoromethane (CFC-11)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	-	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	-	-	-	-	-	-	2.0 U	2 U	1.0 U	-	-	-	-	-	2.0 U	2 U
Xylenes (total)	ug/L	-	-	-	-	-	-	3.0 U	3 U	3.0 U	-	-	-	-	-	3.0 U	3 U
Semi-volatiles																	
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2,4,6-Trichlorophenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2,4-Dichlorophenol	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
2,4-Dimethylphenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2,4-Dinitrophenol	ug/L	-	-	-	-	-	-	50 U	50 UJ	49 U	-	-	-	-	-	50 U	-
2,4-Dinitrotoluene	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2-Chloronaphthalene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
2-Chlorophenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2-Methylnaphthalene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
2-Methylphenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	-	-	-	-	-	50 U	50 U	49 U	-	-	-	-	-	50 U	-
2-Nitrophenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
3,3'-Dichlorobenzidine	ug/L	-	-	-	-	-	-	50 U	R	9.8 U	-	-	-	-	-	50 U	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	-	-	-	-	-	50 U	50 U	49 U	-	-	-	-	-	50 U	-
4,6-Dinitro-2-methylphenol	ug/L	-	-	-	-	-	-	50 U	50 UJ	49 U	-	-	-	-	-	50 U	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
4-Chloro-3-methylphenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
4-Chloroaniline	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
4-Chlorophenyl phenyl ether	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
4-Nitroaniline	ug/L	-	-	-	-	-	-	50 U	50 U	49 U	-	-	-	-	-	50 U	-
4-Nitrophenol	ug/L	-	-	-	-	-	-	50 U	50 U	49 U	-	-	-	-	-	50 U	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Acenaphthylene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Acetophenone	ug/L	-	-	-	-	-	-	-	-	9.8 U	-	-	-	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Atrazine	ug/L	-	-	-	-	-	-	-	-	9.8 U	-	-	-	-	-	-	-
Benzaldehyde	ug/L	-	-	-	-	-	-	-	-	9.8 U	-	-	-	-	-	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Benzo(a)pyrene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Benzo(b)fluoranthene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	-	-	-	-	-	9.8 U	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
bis(2-Chloroethyl)ether	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Butyl benzylphthalate (BBP)	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Caprolactam	ug/L	-	-	-	-	-	-	-	-	49 U	-	-	-	-	-	-	-
Carbazole	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Dibenz(a,h)anthracene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Diethyl phthalate	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Dimethyl phthalate	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Di-n-butylphthalate (DBP)	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Di-n-octyl phthalate (DnOP)	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Fluorene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Hexachlorobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Hexachlorocyclopentadiene	ug/L	-	-	-	-	-	-	50 U	50 U	9.8 U	-	-	-	-	-	50 U	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
Hexachloroethane	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Indeno(1,2,3-cd)pyrene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Isophorone	ug/L	-	-	-	-	-	-	10 U	10 U	9.8 U	-	-	-	-	-	10 U	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Nitrobenzene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
N-Nitrosodiphenylamine	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	-	-	-	-	-	-	50 U	50 U	9.8 U	-	-	-	-	-	50 U	-
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Phenol	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-	-	10 U	-
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																	
Aluminum	ug/L	-	-	-	-	-	-	7150	82.2	-	-	-	-	-	37700	2350	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	45.5 B	-	-
Antimony	ug/L	-	-	-	-	-	-	4.1 U	60 U	-	-	-	-	-	**26.1 B**	4.1 U	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	-	-	3.4	10 U	-	-	-	-	**30**	9.7 J	2.0 U	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	**33.4 B**	-	-
Barium	ug/L	-	-	-	-	-	-	114	132	-	-	-	-	-	288	44.8	-
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	-	-	-	0.39 U	5 U	-	-	-	-	**7**	2.3 B	0.080 U	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	-	-	0.63 U	5 U	-	-	-	-	-	-	0.94	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	**90800**	-	-
Calcium	ug/L	-	-	-	-	-	-	132000 J	186000	-	-	-	-	-	326000	113000 J	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	-	-	-	12.7	1.6	-	-	-	-	**145**	**51.4**	5.5	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	6.6	50 U	-	-	-	-	-	47.1 B	2.6 U	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	-	-	-	19.4	1.5	-	-	-	-	-	98	10.2	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	97.1 J	-	-
Iron	ug/L	-	-	-	-	-	-	**12500**	99.1	-	-	-	-	-	**94100 J**	**3380**	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1 B	-	-
Lead	ug/L	-	-	-	-	-	**42**	6.8	3 U	-	-	-	-	**134**	**57.3**	1.8 U	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	**9890**	-	-
Magnesium	ug/L	-	-	-	-	-	-	16800	19900	-	-	-	-	-	**49100**	11700	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7 B	-	-
Manganese	ug/L	-	-	-	-	-	-	**481**	26.4	-	-	-	-	-	**3260**	89.2	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	-	-	-	0.054 U	0.2 U	-	-	-	-	-	-	0.068 U	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
Nickel	ug/L	-	-	-	-	-	-	14.4	3.8	-	-	-	-	-	83.1	9.7	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1060 B	-	-
Potassium	ug/L	-	-	-	-	-	-	6930	2230	-	-	-	-	-	7170	1760 U	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	-	-	-	-	-	3.2 U	5 U	-	-	-	-	-	-	3.2 U	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	-	-	0.75 U	10 U	-	-	-	-	-	-	0.75 U	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	93700	-	-
Sodium	ug/L	-	-	-	-	-	-	308000	587000	-	-	-	-	-	95900	58300	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	-	-	-	-	-	5.7 U	10 U	-	-	-	-	-	-	5.7 U	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	-	-	16.8	50 U	-	-	-	-	-	98.7	7.1	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6 J	-	-
Zinc	ug/L	-	-	-	-	-	-	41.1	5.6	-	-	-	-	-	256 J	49.3	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																	
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																	
4,4'-DDD	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
4,4'-DDE	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
4,4'-DDT	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Aldrin	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
alpha-BHC	ug/L	-	-	-	-	-	-	0.0089 J	-	-	-	-	-	-	-	0.050 U	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Chlordane	ug/L	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	0.50 U	-
delta-BHC	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Dieldrin	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endosulfan I	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endosulfan II	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endrin	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endrin aldehyde	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Endrin ketone	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Heptachlor epoxide	ug/L	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	0.050 U	-
Methoxychlor	ug/L	-	-	-	-	-	-	0.10 U	-	-	-	-	-	-	-	0.10 U	-
Toxaphene	ug/L	-	-	-	-	-	-	2.0 U	-	-	-	-	-	-	-	2.0 U	-
Petroleum Products																	

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2R*	*GT-2R*	*GT-2R*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*	*GT-3*
Sample ID:		*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2*	*GT-2-NY*	*GW-18631-RW-006*	*GW-18631-RW-12*	*GW-18631-100209-BP-008*	*GT-3*	*GT-3*	*GT-3*	*GT-3-NY*	*GT-3*	*GW-18631-RW-011*	*GW-18631-RW-21*
Sample Date:		*8/3/1987*	*8/20/1987*	*10/23/1987*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*10/16/2001*	*4/3/2002*	*10/2/2009*	*8/4/1987*	*8/20/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/4/2002*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	-	-	-	100 UJ	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	-	-	500 U	480 U	-	-	-	-	-	-	500 U	470 U
General Chemistry																	
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	1.7 B	10.0 U	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
Parameters	***Units***													
Volatiles														
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,1,2-Trichloroethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,1-Dichloroethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,1-Dichloroethene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2,4-Trichlorobenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
1,2-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
1,2-Dichloroethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,3-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,4-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	-	-	-	5.0 U	5 UJ	5.0 U	-	-	-	-	5.0 UJ	5 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	-	-	-	5.0 U	5 UJ	5.0 U	-	-	-	-	5.0 UJ	5 UJ
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	-	-	-	5.0 U	5 U	5.0 U	-	-	-	-	5.0 U	5 U
Acetone	ug/L	5.0 U	-	-	-	10 UJ	10 UJ	5.0 U	-	-	-	-	10 UJ	10 UJ
Benzene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Bromodichloromethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	0.97 J	-	-	-	2 U	1.0 U	1 U
Bromoform	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	-	-	-	1.0 U	2 U	1.0 UJ	-	-	-	5 U	1.0 U	2 U
Carbon disulfide	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	1.0 U	1 U
Carbon tetrachloride	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	2 J	2 U	1.0 U	1 U
Chlorobenzene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Chloroethane	ug/L	1.0 U	-	-	-	2.0 U	2 U	1.0 U	-	-	-	5 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	ug/L	1.0 U	-	-	-	1.0 U	1 U	0.90 J	1	-	-	5 U	4.4	3.7
Chloromethane (Methyl chloride)	ug/L	1.0 U	-	-	-	2.0 U	2 U	1.0 U	-	-	-	10 U	2.0 U	2 UJ
cis-1,2-Dichloroethene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
cis-1,3-Dichloropropene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	1.0 U	1 U
Cyclohexane	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dibromochloromethane	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	10 U	-	-
Ethylbenzene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Isopropyl benzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	-	-	-
Methyl cyclohexane	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	5 U	-	-
Methylene chloride	ug/L	1.0 U	-	-	-	2.0 U	2 U	1.0 U	-	-	-	10 U	2.0 U	2 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
N-Propylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
Toluene	ug/L	1.0 U	-	-	-	1.0 U	0.24 J	1.0 U	-	-	-	2 U	1.0 U	0.31 J
trans-1,2-Dichloroethene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.0 U	1 U
trans-1,3-Dichloropropene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	-	1.0 U	1 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	5	-	-	-	-	-
Trichloroethene	ug/L	1.0 U	-	-	-	1.0 U	1 U	1.0 U	-	-	-	2 U	1.3	1.3
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	2 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	1.0 U	-	-	-	-	-	1.0 U	-	-	-	-	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	1.0 U	-	-	-	2.0 U	2 U	1.0 U	-	-	-	10 U	2.0 U	2 U
Xylenes (total)	ug/L	3.0 U	-	-	-	3.0 U	3 U	3.0 U	-	-	-	2 U	3.0 U	3 U
Semi-volatiles														
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	-	-	-	2 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	-	-	-	2 U	10 U	10 U
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	-	-	-	2 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	-	-	-	2 U	10 U	10 U
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	20 U	-	-
2,4,5-Trichlorophenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	5 U	10 U	10 U
2,4-Dimethylphenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
2,4-Dinitrophenol	ug/L	51 U	-	-	-	50 U	50 UJ	50 U	-	-	-	-	50 U	50 UJ
2,4-Dinitrotoluene	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2,6-Dinitrotoluene	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
2-Chloronaphthalene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
2-Chlorophenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
2-Methylnaphthalene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
2-Methylphenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
2-Nitroaniline	ug/L	51 U	-	-	-	50 U	50 U	50 U	-	-	-	20 U	50 U	50 U
2-Nitrophenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
3,3'-Dichlorobenzidine	ug/L	10 U	-	-	-	50 U	50 U	10 U	-	-	-	5 U	50 U	R
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
3-Nitroaniline	ug/L	51 U	-	-	-	50 U	50 U	50 U	-	-	-	20 U	50 U	50 U
4,6-Dinitro-2-methylphenol	ug/L	51 U	-	-	-	50 U	50 UJ	50 U	-	-	-	50 U	50 U	50 UJ
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
4-Bromophenyl phenyl ether	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	2 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
4-Chloroaniline	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	2 U	10 U	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	-	10 U	10 U
4-Nitroaniline	ug/L	51 U	-	-	-	50 U	50 U	50 U	-	-	-	20 U	50 U	50 U
4-Nitrophenol	ug/L	51 U	-	-	-	50 U	50 U	50 U	-	-	-	-	50 U	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Acenaphthene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Acenaphthylene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Acetophenone	ug/L	10 U	-	-	-	-	-	10 U	-	-	-	2 U	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Atrazine	ug/L	10 U	-	-	-	-	-	10 U	-	-	-	-	-	-
Benzaldehyde	ug/L	10 U	-	-	-	-	-	10 U	-	-	-	-	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Benzo(a)anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Benzo(a)pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	-	10 U	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Benzo(g,h,i)perylene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 UJ	10 U
Benzo(k)fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	-	10 U	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Biphenyl (1,1-Biphenyl)	ug/L	10 U	-	-	-	-	-	10 U	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	2 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	9 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
Caprolactam	ug/L	51 U	-	-	-	-	-	50 U	-	-	-	-	-	-
Carbazole	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	-	10 U	10 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	30 U	-	-
Chrysene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 UJ	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-	2 U	-	-
Dibenzofuran	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	2 U	10 U	10 U
Diethyl phthalate	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
Dimethyl phthalate	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	1 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	6 U	10 U	10 U	10 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Fluorene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Hexachlorobenzene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	5 U	10 U	10 U
Hexachlorobutadiene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	5 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	10 U	-	-	-	50 U	50 U	10 U	-	-	-	20 U	50 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
Hexachloroethane	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	5 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 UJ	10 U
Isophorone	ug/L	10 U	-	-	-	10 U	10 U	10 U	-	-	-	2 U	10 U	10 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Naphthalene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Nitrobenzene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	5 U	10 U	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
N-Nitrosodi-n-propylamine	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	-	10 U	10 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Pentachlorophenol	ug/L	10 U	-	-	-	50 U	50 U	10 U	-	-	-	50 U	50 U	50 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Phenanthrene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Phenol	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	5 U	10 U	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-	5 U	-	-
Pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	2.0 U	-	-	-	2 U	10 U	10 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-	20 U	-	-
Metals														
Aluminum	ug/L	-	-	-	16800	201 U	126	-	-	-	951	-	115 U	200 U
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	-	4.1 U	60 U	-	-	-	-	-	**4.7**	60 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	8.1 J	2.0 U	10 U	-	-	-	-	-	2.0 U	10 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	190 B	33.2	26.4	-	-	-	50.7 B	-	31.5	28
Barium (dissolved)	ug/L	-	-	-	59 B	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	1.1 B	0.077 U	5 U	-	-	-	-	-	0.077 U	5 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	0.63 U	5 U	-	-	-	-	-	0.63 U	5 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	194000	81400 J	78000	-	-	-	112000	-	93700 J	84300
Calcium (dissolved)	ug/L	-	-	-	101000	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	26.8	1.8	10 U	-	-	-	3.7 B	-	2.0	10 U
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	19 B	2.6 U	50 U	-	-	-	-	-	2.6 U	50 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	47.8	2.3 U	25 U	-	-	-	3.3 B	-	1.3 U	25 U
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	**39600 J**	**302**	182	-	-	-	**1710**	-	149	110
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	-	-	24.4	1.8 U	3 U	-	-	-	3.1	-	1.8 U	3 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	-	-	279.00	11100	10800	-	-	-	12900	-	12900	12300
Magnesium (dissolved)	ug/L	-	-	-	13100	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	-	-	**1440**	9.0	4.6	-	-	-	53	-	4.5	15 U
Manganese (dissolved)	ug/L	-	-	-	3.1 B	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	-	0.087 U	0.2 U	-	-	-	-	-	0.054 U	0.2 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
Nickel	ug/L	-	-	-	35.2 B	7.9 U	40 U	-	-	-	-	-	7.9 U	5.5
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	-	-	4230 B	1110 U	709	-	-	-	2060 B	-	1370 U	1070
Potassium (dissolved)	ug/L	-	-	-	808 B	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	-	-	-	3.2 U	5 U	-	-	-	-	-	3.2 U	5 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	0.75 U	10 U	-	-	-	-	-	0.75 U	10 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	-	-	164000	47900	21900	-	-	-	53500	-	56800	37800
Sodium (dissolved)	ug/L	-	-	-	157000	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	-	-	-	5.7 U	10 U	-	-	-	-	-	8.9 U	10 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	36.3 B	4.1 U	50 U	-	-	-	3.5 B	-	4.1 U	50 U
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	-	-	136 J	5.5 U	20 U	-	-	-	22.7 J	-	20.5 U	6.2
Zinc (dissolved)	ug/L	-	-	-	29.4 J	-	-	-	-	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	1.0 U	-	-	-	-	-	30 U	1.0 U	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides														
4,4'-DDD	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
4,4'-DDE	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
4,4'-DDT	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Aldrin	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	-	0.050 U	-
alpha-BHC	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	10 U	0.050 U	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	-	0.050 U	-
Chlordane	ug/L	-	-	-	-	0.50 U	-	-	-	-	-	-	0.50 U	-
delta-BHC	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	10 U	0.050 U	-
Dieldrin	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	10 U	0.050 U	-
Endosulfan I	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Endosulfan II	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Endosulfan sulfate	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Endrin	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Endrin aldehyde	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Endrin ketone	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	-	0.050 U	-
gamma-BHC (lindane)	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	-	0.050 U	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	10 U	0.050 U	-
Heptachlor epoxide	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	20 U	0.050 U	-
Methoxychlor	ug/L	-	-	-	-	0.10 U	-	-	-	-	-	5 U	0.10 U	-
Toxaphene	ug/L	-	-	-	-	2.0 U	-	-	-	-	-	-	2.0 U	-
Petroleum Products														

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-3*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-4*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GT-5*
Sample ID:		*GW-18631-100609-RR-027*	*GT-4*	*GT-4*	*GT-4*	*GW-18631-RW-013*	*GW-18631-RW-04*	*GW-18631-100109-RR-013*	*GT-5*	*GT-5*	*GT-5*	*GT-5*	*GW-18631-RW-017*	*GW-18631-RW-13*
Sample Date:		*10/6/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*10/17/2001*	*4/2/2002*	*10/1/2009*	*8/4/1987*	*8/20/1987*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/3/2002*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	100 UJ	-	-	-	-	-	100 U	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	470 U	470 U	-	-	-	-	-	470 U	200 J
General Chemistry														
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	10.0 U	-	-	-	-	1.5 B	-	10.0 U	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	10 U	-	-	-	-	-	-	10 U	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
Parameters	***Units***													
Volatiles														
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.4	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 UJ	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,4-Dichlorobenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	-	-	-	-	-	-	-	-	5.0 UJ	5 U	5.0 U	5.0 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	-	-	-	-	-	-	-	-	5.0 UJ	5 U	5.0 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	-	-	-	-	-	-	-	-	5.0 U	5 U	5.0 U	5.0 U
Acetone	ug/L	5.0 U	-	-	-	-	-	-	-	-	10 UJ	10 UJ	3.2 J	5.0 U
Benzene	ug/L	0.13 J	-	-	-	-	-	-	-	2 U	**46**	1 U	1.0 U	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Bromodichloromethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	1.0 UJ	-	-	-	-	-	-	-	5 U	1.0 U	2 U	1.0 UJ	1.0 U
Carbon disulfide	ug/L	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Chloroethane	ug/L	1.0 U	-	-	-	-	-	-	-	5 U	2.0 UJ	2 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.3	-	-	-	-	-	-	-	5 U	1.0 U	1 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	-	-	-	-	-	-	-	10 U	2.0 U	2 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Dibromochloromethane	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	-	-	-	-	-	-	-	10 U	-	-	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	**82**	1 U	1.0 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Isopropyl benzene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U
Methyl cyclohexane	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	1.0 U	-	-	-	-	-	-	-	5 U	-	-	1.0 U	1.0 U
Methylene chloride	ug/L	1.0 U	-	-	-	-	-	-	-	10 U	2.0 U	2 U	0.59 J	1.0 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	1.0 U
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 UJ	1.0 U	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
Toluene	ug/L	0.90 J	-	-	-	-	-	-	-	2 U	5.2	0.31 J	0.45 J	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1 U	1.0 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	0.61 J	-	-	-	-	-	-	-	2 U	2.2	1 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	-	-	-	-	-	-	-	2 U	-	-	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	1.0 U	-	-	-	-	-	-	-	10 U	2.0 U	2 U	1.0 U	1.0 U
Xylenes (total)	ug/L	3.0 U	-	-	-	-	-	-	-	2 U	350	3 U	3.0 U	3.0 U
Semi-volatiles														
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	-	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	-	2 U	10 U	10 U	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	2.0 U	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
2,4,5-Trichlorophenol	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
2,4,6-Trichlorophenol	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
2,4-Dichlorophenol	ug/L	2.0 U	-	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-
2,4-Dimethylphenol	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
2,4-Dinitrophenol	ug/L	51 U	-	-	-	-	-	-	-	-	50 U	50 UJ	51 U	-
2,4-Dinitrotoluene	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
2,6-Dinitrotoluene	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
2-Chloronaphthalene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
2-Chlorophenol	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
2-Methylnaphthalene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	37	10 U	2.0 U	-
2-Methylphenol	ug/L	10 U	-	-	-	-	-	-	-	5 U	1.3 J	10 U	10 U	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
2-Nitroaniline	ug/L	51 U	-	-	-	-	-	-	-	20 U	50 U	50 U	51 U	-
2-Nitrophenol	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
2-Picoline	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
3,3'-Dichlorobenzidine	ug/L	10 U	-	-	-	-	-	-	-	5 U	50 U	R	10 U	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
3-Nitroaniline	ug/L	51 U	-	-	-	-	-	-	-	20 U	50 U	50 U	51 U	-
4,6-Dinitro-2-methylphenol	ug/L	51 U	-	-	-	-	-	-	-	50 U	50 U	50 UJ	51 U	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	10 U	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-
4-Chloro-3-methylphenol	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
4-Chloroaniline	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
4-Chlorophenyl phenyl ether	ug/L	10 U	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	-
4-Nitroaniline	ug/L	51 U	-	-	-	-	-	-	-	20 U	50 U	50 U	51 U	-
4-Nitrophenol	ug/L	51 U	-	-	-	-	-	-	-	-	50 UJ	50 U	51 U	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Acenaphthene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	0.73 J	10 U	2.0 U	-
Acenaphthylene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Acetophenone	ug/L	10 U	-	-	-	-	-	-	-	2 U	-	-	10 U	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Anthracene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Atrazine	ug/L	10 U	-	-	-	-	-	-	-	-	-	-	10 U	-
Benzaldehyde	ug/L	10 U	-	-	-	-	-	-	-	-	-	-	10 U	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Benzo(a)anthracene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Benzo(a)pyrene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Benzo(b)fluoranthene	ug/L	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Benzo(g,h,i)perylene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Benzo(k)fluoranthene	ug/L	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	10 U	-	-	-	-	-	-	-	-	-	-	10 U	-
bis(2-Chloroethoxy)methane	ug/L	10 U	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-
bis(2-Chloroethyl)ether	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Butyl benzylphthalate (BBP)	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Caprolactam	ug/L	51 U	-	-	-	-	-	-	-	-	-	-	51 U	-
Carbazole	ug/L	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-
Chlordane	ug/L	-	-	-	-	-	-	-	-	30 U	-	-	-	-
Chrysene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Dibenz(a,h)anthracene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	2 U	-	-	-	-
Dibenzofuran	ug/L	10 U	-	-	-	-	-	-	-	2 U	0.97 J	10 U	10 U	-
Diethyl phthalate	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Dimethyl phthalate	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Di-n-butylphthalate (DBP)	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Di-n-octyl phthalate (DnOP)	ug/L	10 U	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
Fluoranthene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Fluorene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Hexachlorobenzene	ug/L	2.0 U	-	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-
Hexachlorobutadiene	ug/L	2.0 U	-	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-
Hexachlorocyclopentadiene	ug/L	10 U	-	-	-	-	-	-	-	20 U	50 U	50 U	10 U	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
Hexachloroethane	ug/L	10 U	-	-	-	-	-	-	-	5 U	10 U	10 U	10 U	-
Indeno(1,2,3-cd)pyrene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Isophorone	ug/L	10 U	-	-	-	-	-	-	-	2 U	10 U	10 U	10 U	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Naphthalene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	75	10 U	2.0 U	-
Nitrobenzene	ug/L	2.0 U	-	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	2.0 U	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	-
N-Nitrosodiphenylamine	ug/L	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Pentachlorophenol	ug/L	10 U	-	-	-	-	-	-	-	50 U	50 U	50 U	10 U	-
Phenacetin	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
Phenanthrene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Phenol	ug/L	2.0 U	-	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	5 U	-	-	-	-
Pyrene	ug/L	2.0 U	-	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-
Pyridine	ug/L	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	20 U	-	-	-	-
Metals														
Aluminum	ug/L	-	-	-	-	-	-	-	305	-	3400	220 U	-	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	-	-	-	-	-	-	4.1 U	60 U	-	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	-	-	-	-	-	2.2	10 U	-	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	-	-	-	-	29.7 B	-	119	31	-	-
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	-	-	-	-	-	-	0.18 U	5 U	-	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	-	-	-	-	-	0.63 U	5 U	-	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	-	-	-	-	83000	-	174000	92100	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	-	-	-	-	-	-	6.4	10 U	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	-	-	-	4.6	50 U	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	-	-	-	-	5 B	-	8.8 U	25 U	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	-	-	-	-	614 J	-	5170	313 J	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	-	-	-	-	-	34	2.5 B	-	2.3	3 U	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	-	-	-	-	-	-	8650	-	21300	9520	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	-	-	-	-	-	-	33.4	-	2920	6.4	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	-	-	-	-	-	-	0.13	0.2 U	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
Nickel	ug/L	-	-	-	-	-	-	-	-	-	7.9 U	6.5	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	-	-	-	-	-	-	867 B	-	3000 U	803	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	-	-	-	-	-	-	-	-	3.2 U	5 U	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	-	-	-	-	-	0.75 U	10 U	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	-	-	-	-	-	-	37900	-	114000	58800 J	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	-	-	-	-	-	-	-	-	5.7 U	10 U	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	-	-	-	-	-	10.1 U	50 U	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	-	-	-	-	-	-	7.2 J	-	15.8	20 U	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-	-	-	30 U	1.0 U	-	-	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides														
4,4'-DDD	ug/L	-	-	-	-	-	-	-	-	20 U	0.010 J	-	-	-
4,4'-DDE	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
4,4'-DDT	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	0.050 U	-	-	-
alpha-BHC	ug/L	-	-	-	-	-	-	-	-	10 U	0.050 U	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	-	-	-	-	0.050 U	-	-	-
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	0.50 U	-	-	-
delta-BHC	ug/L	-	-	-	-	-	-	-	-	10 U	0.050 U	-	-	-
Dieldrin	ug/L	-	-	-	-	-	-	-	-	10 U	0.050 U	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	-	-	-	20 U	0.017 J	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
Endrin	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
Endrin aldehyde	ug/L	-	-	-	-	-	-	-	-	20 U	0.050 U	-	-	-
Endrin ketone	ug/L	-	-	-	-	-	-	-	-	-	0.050 U	-	-	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	-	-	-	-	0.018 J	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	-	-	-	10 U	0.050 U	-	-	-
Heptachlor epoxide	ug/L	-	-	-	-	-	-	-	-	20 U	0.0034 J	-	-	-
Methoxychlor	ug/L	-	-	-	-	-	-	-	-	5 U	0.10 U	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-
Petroleum Products														

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-5*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*	*GT-7*
Sample ID:		*GW-18631-093009-RR-003*	*GT-6*	*GT-6*	*GT-7*	*GT-7*	*GT-7*	*GT-7-NY*	*GT-7*	*GT-7*	*GW-18631-RW-021*	*GW-18631-RW-22*	*GW-18631-100209-BP-010*	*GW-18631-101111-BP-003*
Sample Date:		*9/30/2009*	*8/4/1987*	*8/20/1987*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*12/13/1994*	*10/18/2001*	*4/4/2002*	*10/2/2009*	*10/11/2011*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	100 UJ	-	-	-	-	-	-	-	-	-	-	100 UJ	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	-	-	-	-	-	8700 J	490 U	-	-
General Chemistry														
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	-	-	-	1.3 B	-	10.0 U	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	-	-	-	-	10 U	-	-	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
 - Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
Parameters	***Units***												
Volatiles													
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	-	10 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	-	**120**	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	-	**58**	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	5.0 U	-	-	-	-	-	5.0 UJ	5 U	5.0 U	50 U	5.0 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	5.0 U	-	-	-	-	-	5.0 UJ	5 UJ	5.0 U	50 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	5.0 U	-	-	-	-	-	5.0 U	5 U	5.0 U	50 U	5.0 U
Acetone	ug/L	5.0 U	5.0 U	-	-	-	-	-	10 UJ	10 UJ	5.0 U	50 U	5.0 U
Benzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	2 U	1.0 UJ	10 U	1.0 U
Carbon disulfide	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	2.0 UJ	2 U	1.0 U	10 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 UJ	1.0 U	10 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Methyl cyclohexane	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Methylene chloride	ug/L	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U	1.0 U	10 U	1.0 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	-	170	1.0 U
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1.8	0.46 J	10 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U	1.0 U	10 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	1.0 U	1.0 U	-	-	-	-	-	-	-	1.0 U	10 U	1.0 U
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U	1.0 U	10 U	1.0 U
Xylenes (total)	ug/L	3.0 U	3.0 U	-	-	-	-	-	3.0 U	3 U	3.0 U	55	3.0 U
Semi-volatiles													
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	-	-	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	-	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	-	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2,4,6-Trichlorophenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2,4-Dichlorophenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
2,4-Dimethylphenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2,4-Dinitrophenol	ug/L	-	-	-	-	-	-	-	50 U	50 UJ	58 U	-	-
2,4-Dinitrotoluene	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
2-Chlorophenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2-Methylnaphthalene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
2-Methylphenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	-	-	-	-	-	-	50 U	50 U	58 U	-	-
2-Nitrophenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
3,3'-Dichlorobenzidine	ug/L	-	-	-	-	-	-	-	50 U	R	12 U	-	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	-	-	-	-	-	-	50 U	50 U	58 U	-	-
4,6-Dinitro-2-methylphenol	ug/L	-	-	-	-	-	-	-	50 U	50 UJ	58 U	-	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
4-Chloro-3-methylphenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
4-Chloroaniline	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
4-Chlorophenyl phenyl ether	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
4-Nitroaniline	ug/L	-	-	-	-	-	-	-	50 U	50 U	58 U	-	-
4-Nitrophenol	ug/L	-	-	-	-	-	-	-	50 U	50 U	58 U	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Acenaphthylene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Acetophenone	ug/L	-	-	-	-	-	-	-	-	-	12 U	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Atrazine	ug/L	-	-	-	-	-	-	-	-	-	12 U	-	-
Benzaldehyde	ug/L	-	-	-	-	-	-	-	-	-	12 U	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Benzo(a)pyrene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Benzo(b)fluoranthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	-	-	-	-	-	-	12 U	-	-
bis(2-Chloroethoxy)methane	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
bis(2-Chloroethyl)ether	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	-	-	-	-	-	**420 D**	10 U	10 U	12 U	-	-
Butyl benzylphthalate (BBP)	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Caprolactam	ug/L	-	-	-	-	-	-	-	-	-	58 U	-	-
Carbazole	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Dibenz(a,h)anthracene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Diethyl phthalate	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Dimethyl phthalate	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Di-n-butylphthalate (DBP)	ug/L	-	-	-	-	-	-	3 U	10 U	10 U	12 U	-	-
Di-n-octyl phthalate (DnOP)	ug/L	-	-	-	-	-	-	12 U	10 U	10 U	12 U	-	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Fluorene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Hexachlorobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Hexachlorocyclopentadiene	ug/L	-	-	-	-	-	-	-	50 U	50 U	12 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
Hexachloroethane	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Indeno(1,2,3-cd)pyrene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Isophorone	ug/L	-	-	-	-	-	-	-	10 U	10 U	12 U	-	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Nitrobenzene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
N-Nitrosodiphenylamine	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	-	-	-	-	-	-	-	50 U	50 U	12 U	-	-
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Phenol	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.3 U	-	-
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Metals													
Aluminum	ug/L	-	-	-	-	-	-	24500	18300	1300	-	-	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	29.3 B	-	-	-	-	-
Antimony	ug/L	-	-	-	-	-	-	-	4.1 U	60 U	-	-	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	-	-	9.3 J	10.1	10 U	-	-	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	-	-	**1440**	230	154	37.9	-	-	-
Barium (dissolved)	ug/L	-	-	-	-	-	-	28.5 B	-	-	-	-	-
Beryllium	ug/L	-	-	-	-	-	**100**	1.6 B	1.1 U	5 U	-	-	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	-	-	-	0.63 U	5 U	-	-	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	-	-	-	190000	106000 J	82600	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	82400	-	-	-	-	-
Chromium	ug/L	-	-	-	-	-	**177**	30.7	20.8	10 U	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	28 B	15.3	50 U	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	-	-	-	65.1	32.7	2.5	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	-	-	-	**57800 J**	**32400**	**1520**	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	65.2 J	-	-	-	-	-
Lead	ug/L	-	-	-	-	-	**447**	**30.9**	16.2	3 U	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	1 B	-	-	-	-	-
Magnesium	ug/L	-	-	-	-	-	-	25900	15000	9160	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	8770	-	-	-	-	-
Manganese	ug/L	-	-	-	-	-	-	**1740**	**761**	38.4	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	3 B	-	-	-	-	-
Mercury	ug/L	-	-	-	-	-	-	-	0.062 U	0.2 U	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
Nickel	ug/L	-	-	-	-	-	-	53.6	23.0	3.3	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	-	-	-	-	-	5160	5920	798	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	1060 B	-	-	-	-	-
Selenium	ug/L	-	-	-	-	-	-	-	5.8	5 U	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	-	-	-	0.75 U	1.5	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	-	-	-	-	-	4740 B	4040	3630	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	3880 B	-	-	-	-	-
Thallium	ug/L	-	-	-	-	-	-	-	5.7 U	10 U	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	-	-	55.2	38.3	2.8	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	-	-	-	-	-	186	85.9	8.6	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	6.1 J	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-	-	1.0 U	-	-	-	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides													
4,4'-DDD	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
4,4'-DDE	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
4,4'-DDT	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
alpha-BHC	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	-	-	0.50 U	-	-	-	-
delta-BHC	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Dieldrin	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endrin	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endrin aldehyde	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Endrin ketone	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Heptachlor epoxide	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-
Methoxychlor	ug/L	-	-	-	-	-	-	-	0.10 U	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	2.0 U	-	-	-	-
Petroleum Products													

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-7*	*GT-7*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*	*GT-8*
Sample ID:		*GW-18631-101111-BP-004*	*GW-18631-120511-002*	*GT-8*	*GT-8*	*GT-8*	*GT-8-NY*	*GT-8*	*GW-18631-RW-016*	*GW-18631-RW-18*	*GW-18631-092909-RR-001*	*GW-18631-101211-AW-011*	*GW-18631-120711-012*
Sample Date:		*10/11/2011*	*12/5/2011*	*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*10/17/2001*	*4/3/2002*	*9/29/2009*	*10/12/2011*	*12/7/2011*
		Duplicate											
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	-	-	-	-	100 UJ	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	-	-	-	480 U	500 U	-	-	-
General Chemistry													
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	-	-	-	10.0 U	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	-	-	10 U	-	-	-	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
Parameters	***Units***														
Volatiles															
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,1,2,2-Tetrachloroethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,1,2-Trichloroethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,1-Dichloroethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,1-Dichloroethene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	-	-	-	20 U	-	1 U	1.0 U	1.0 UJ	1.0 U	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	-	-	-	**1540**	-	**380 J**	1.0 U	0.17 J	1.0 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 UJ	1.0 U	1.0 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2-Dichloroethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	**1690**	-	**230**	1.0 U	1.0 U	1.0 U	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	-	-	-	-	10 U	-	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	-	-
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	-	-	-	-	10 U	-	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	-	-
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	-	-	-	-	10 U	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U	-	-
Acetone	ug/L	-	-	-	-	-	10 U	-	10 UJ	10 UJ	5.0 U	5.0 U	5.0 U	-	-
Benzene	ug/L	-	-	**141**	**170**	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Bromobenzene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Bromoform	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 UJ	1.0 U	1.0 U	-	-
Bromomethane (Methyl bromide)	ug/L	-	-	-	-	-	10 U	20 U	1.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-
Carbon disulfide	ug/L	-	-	-	-	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Carbon tetrachloride	ug/L	-	-	-	-	-	5 U	20 U	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	-	-
Chlorobenzene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Chlorobromomethane	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Chloroethane	ug/L	-	-	-	-	-	10 U	50 U	2.0 UJ	2 U	1.0 U	1.0 U	1.0 U	-	-
Chloroform (Trichloromethane)	ug/L	-	-	-	-	-	5 U	50 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Chloromethane (Methyl chloride)	ug/L	-	-	-	-	-	10 U	100 U	2.0 U	2 U	1.0 U	0.95 J	1.0 U	-	-
cis-1,2-Dichloroethene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
cis-1,3-Dichloropropene	ug/L	-	-	-	-	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Cyclohexane	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Dibromomethane	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	-	-	-	-	-	100 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Ethylbenzene	ug/L	-	-	-	-	-	5 U	**23.3**	1.0 U	**8.4**	1.0 U	1.0 U	1.0 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	-	-	-	-	-	146	-	69	1.0 U	1.0 U	1.0 U	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Methyl cyclohexane	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	-	-	-	-	-	50 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Methylene chloride	ug/L	-	-	-	-	-	5 U	100 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-
Naphthalene	ug/L	-	-	-	-	-	-	20 TBQ	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	-	-	-	225	-	62	1.0 U	1.0 U	1.0 U	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Toluene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	0.37 J	1.0 U	1.0 U	1.0 U	-	-
trans-1,2-Dichloroethene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
trans-1,3-Dichloropropene	ug/L	-	-	-	-	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	-	-	-	-	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-
Trichlorofluoromethane (CFC-11)	ug/L	-	-	-	-	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	-	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Vinyl acetate	ug/L	-	-	-	-	-	10 U	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	-	-	-	-	-	10 U	100 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-
Xylenes (total)	ug/L	-	-	93	36	6300	150	1040	8.2	96	3.0 U	3.0 U	3.0 U	-	-
Semi-volatiles															
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	-	-	-	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	-	-	-	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	-	-	-	-	1500 E	-	10 U	10 U	10 U	2.0 U	-	-	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	-	-	-	-	5 U	10 U	10 U	10 U	9.9 U	-	-	-	-
2,4,6-Trichlorophenol	ug/L	-	-	-	-	-	5 U	10 U	10 U	10 U	9.9 U	-	-	-	-
2,4-Dichlorophenol	ug/L	-	-	-	-	-	5 U	5 U	10 U	10 U	2.0 U	-	-	-	-
2,4-Dimethylphenol	ug/L	-	-	-	-	-	5 U	5 U	10 U	3.1 J	9.9 U	-	-	-	-
2,4-Dinitrophenol	ug/L	-	-	-	-	-	25 U	-	50 U	50 UJ	50 U	-	-	-	-
2,4-Dinitrotoluene	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	9.9 U	-	-	-	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	9.9 U	-	-	-	-
2-Chloronaphthalene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
2-Chlorophenol	ug/L	-	-	-	-	-	5 U	5 U	10 U	10 U	9.9 U	-	-	-	-
2-Methylnaphthalene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
2-Methylphenol	ug/L	-	-	-	-	-	5 U	5 U	10 U	10 U	9.9 U	-	-	-	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	-	-	-	-	-	20 U	50 U	50 U	50 U	-	-	-	-
2-Nitrophenol	ug/L	-	-	-	-	-	5 U	10 U	10 U	10 U	9.9 U	-	-	-	-
2-Picoline	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
3,3'-Dichlorobenzidine	ug/L	-	-	-	-	-	-	5 U	50 U	50 U	9.9 U	-	-	-	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	-	-	-	-	-	20 U	50 U	50 U	50 U	-	-	-	-
4,6-Dinitro-2-methylphenol	ug/L	-	-	-	-	-	-	50 U	50 U	50 UJ	50 U	-	-	-	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	9.9 U	-	-	-	-
4-Chloro-3-methylphenol	ug/L	-	-	-	-	-	10 U	10 U	10 U	10 U	9.9 U	-	-	-	-
4-Chloroaniline	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	9.9 U	-	-	-	-
4-Chlorophenyl phenyl ether	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	9.9 U	-	-	-	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	25 U	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	-	-	-	-	5 U	-	10 U	10 U	9.9 U	-	-	-	-
4-Nitroaniline	ug/L	-	-	-	-	1300 E	-	20 U	50 U	50 U	50 U	-	-	-	-
4-Nitrophenol	ug/L	-	-	-	-	-	25 U	-	50 U	50 U	50 U	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Acenaphthene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Acenaphthylene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Acetophenone	ug/L	-	-	-	-	-	-	2 U	-	-	9.9 U	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Anthracene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Atrazine	ug/L	-	-	-	-	-	-	-	-	-	9.9 U	-	-	-	-
Benzaldehyde	ug/L	-	-	-	-	-	-	-	-	-	9.9 U	-	-	-	-
Benzidine	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Benzo(a)pyrene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Benzo(b)fluoranthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	-	-	-	-	-	-	9.9 U	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	9.9 U	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	-	-	-	1 U	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Butyl benzylphthalate (BBP)	ug/L	-	-	-	-	5	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Caprolactam	ug/L	-	-	-	-	-	-	-	-	-	50 U	-	-	-	-
Carbazole	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	-	30 U	-	-	-	-	-	-	-
Chrysene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Dibenz(a,h)anthracene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	2 U	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	9.9 U	-	-	-	-
Diethyl phthalate	ug/L	-	-	-	-	-	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Dimethyl phthalate	ug/L	-	-	-	-	-	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Di-n-butylphthalate (DBP)	ug/L	-	-	-	-	6 U	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Di-n-octyl phthalate (DnOP)	ug/L	-	-	-	-	3 U	-	10 U	10 U	10 U	9.9 U	-	-	-	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
Fluoranthene	ug/L	-	-	-	-	0.5 J	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Fluorene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Hexachlorobenzene	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-	-	-	-
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-	-	-	-
Hexachlorocyclopentadiene	ug/L	-	-	-	-	-	-	20 U	50 U	50 U	9.9 U	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
Hexachloroethane	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	9.9 U	-	-	-	-
Indeno(1,2,3-cd)pyrene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Isophorone	ug/L	-	-	-	-	110	-	2 U	10 U	10 U	9.9 U	-	-	-	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Naphthalene	ug/L	-	-	-	-	-	-	4.4	10 U	10 U	2.0 U	-	-	-	-
Nitrobenzene	ug/L	-	-	-	-	-	-	5 U	10 U	10 U	2.0 U	-	-	-	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	-	-	-	5100 E	-	10 U	10 U	10 U	2.0 U	-	-	-	-
N-Nitrosodiphenylamine	ug/L	-	-	-	-	-	-	-	10 U	10 U	2.0 U	-	-	-	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	-	-	-	-	-	25 U	50 U	50 U	50 U	9.9 U	-	-	-	-
Phenacetin	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
Phenanthrene	ug/L	-	-	-	-	-	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Phenol	ug/L	-	-	-	5	-	5 U	5 U	10 U	10 U	2.0 U	-	-	-	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	5 U	-	-	-	-	-	-	-
Pyrene	ug/L	-	-	-	-	0.4 J	-	2 U	10 U	10 U	2.0 U	-	-	-	-
Pyridine	ug/L	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	20 U	-	-	-	-	-	-	-
Metals															
Aluminum	ug/L	-	-	-	-	3310	-	-	40.1 U	546	-	-	-	-	490
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	-	-	-	-	4.4	60 U	-	-	-	-	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	2.2 J	-	-	2.0	10 U	-	-	-	-	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	-	88.2 B	-	-	25.5	22.4	-	-	-	-	42.5
Barium (dissolved)	ug/L	-	-	-	-	59.3 B	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	4	-	-	-	0.077 U	5 U	-	-	-	-	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	-	-	-	0.63 U	5 U	-	-	-	-	2.5
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	-	152000	-	-	67400 J	118000	-	-	-	-	109000
Calcium (dissolved)	ug/L	-	-	-	-	142000	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	-	5.7 B	-	-	1.3	10 U	-	-	-	-	4.2
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	-	2.6 U	2.6	-	-	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	-	11.2 B	-	-	5.0	4.8	-	-	-	-	7
Copper (dissolved)	ug/L	-	-	-	-	3.9 B	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	-	6980 J	-	-	52.3	877	-	-	-	-	1210
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	-	-	57	6.6	-	-	2.4	2.5	-	-	-	-	2.9
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	-	-	-	18800	-	-	4530	10600	-	-	-	-	11200
Magnesium (dissolved)	ug/L	-	-	-	-	16600	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	-	-	-	1280	-	-	46.4	1280	-	-	-	-	67.9
Manganese (dissolved)	ug/L	-	-	-	-	868	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	-	-	-	-	0.054 U	0.2 U	-	-	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
Nickel	ug/L	-	-	-	-	-	-	-	7.9 U	5.1	-	-	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	-	-	-	1730 B	-	-	1540	1000	-	-	-	-	1040
Potassium (dissolved)	ug/L	-	-	-	-	670 B	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	-	-	-	-	-	-	3.2 U	5 U	-	-	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	-	-	-	0.75 U	10 U	-	-	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	-	-	-	8660	-	-	8160	**39400**	-	-	-	-	10100
Sodium (dissolved)	ug/L	-	-	-	-	8700	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	-	-	-	-	-	-	5.7 U	10 U	-	-	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	8.1 B	-	-	4.1 U	50 U	-	-	-	-	17.2
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	-	-	-	76.5 J	-	-	15.9 U	25.1	-	-	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	23.5 J	-	-	-	-	-	-	-	-	-
PCBs															
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-	30 U	1.0 U	-	-	-	-	-	-
Total PCBs	ug/L	-	-	-	**3**	-	-	-	-	-	-	-	-	-	-
Pesticides															
4,4'-DDD	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
4,4'-DDE	ug/L	-	-	-	-	-	-	20 U	0.0052 J	-	-	-	-	-	-
4,4'-DDT	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
alpha-BHC	ug/L	-	-	-	-	-	-	10 U	0.050 U	-	-	-	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-
delta-BHC	ug/L	-	-	-	-	-	-	10 U	0.050 U	-	-	-	-	-	-
Dieldrin	ug/L	-	-	-	-	-	-	10 U	**0.0056 J**	-	-	-	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Endrin	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Endrin aldehyde	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Endrin ketone	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	-	10 U	0.050 U	-	-	-	-	-	-
Heptachlor epoxide	ug/L	-	-	-	-	-	-	20 U	0.050 U	-	-	-	-	-	-
Methoxychlor	ug/L	-	-	-	-	-	-	5 U	0.10 U	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-	-
Petroleum Products															

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-9*	*GT-10*	*GT-10*
Sample ID:		*GT-9*	*GT-9*	*GT-9*	*GT-9-NY*	*GT-9*	*GT-9*	*GT-9*	*GW-18631-RW-003*	*GW-18631-RW-05*	*GW-18631-100509-RR-025*	*GW-18631-122209-RR-001*	*GW-18631-120911-014*	*GT-10*	*GT-10*
Sample Date:		*8/4/1987*	*8/21/1987*	*9/9/1988*	*9/9/1988*	*9/8/1992*	*9/1/1993*	*12/14/1994*	*10/16/2001*	*4/2/2002*	*10/5/2009*	*12/22/2009*	*12/9/2011*	*2/18/1988*	*9/8/1992*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	-	-	-	-	100 U	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	-	-	-	360 J	2800	-	-	-	-	-
General Chemistry															
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	19.6	-	-	10.0 U	-	-	-	-	-	41.2
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
 - Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
Parameters	***Units***												
Volatiles													
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1,2-Trichloroethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloroethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloroethene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	-	1.0 UJ	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	1.0 U	1.0 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	5 U	5.0 U	5.0 U	5.0 U	-	-	-	-	-	5.0 U	5 UJ
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	-	-	-	-	-	5.0 U	5 UJ
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	5 U	5.0 U	5.0 U	5.0 U	-	-	-	-	-	5.0 U	5 U
Acetone	ug/L	10 UJ	10 UJ	3.3 J	5.0 U	5.0 U	-	-	-	-	-	10 UJ	10 UJ
Benzene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Bromoform	ug/L	1.0 U	1 U	1.0 UJ	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	2 U
Carbon disulfide	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Carbon tetrachloride	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Chlorobenzene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Chloromethane (Methyl chloride)	ug/L	2.0 U	2 UJ	1.0 U	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Cyclohexane	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Ethylbenzene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Methyl cyclohexane	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Methylene chloride	ug/L	2.0 U	2 U	0.28 J	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	1.0 U	1.0 U	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	5 J	1.0 U	1 U
Toluene	ug/L	1.0 U	0.26 J	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	0.32 J
trans-1,2-Dichloroethene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	1	-	-	-
Trichloroethene	ug/L	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1 U
Trichlorofluoromethane (CFC-11)	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	-	-	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	-	-	-	-	2.0 U	2 U
Xylenes (total)	ug/L	3.0 U	3 U	3.0 U	3.0 U	3.0 U	-	-	-	-	-	3.0 U	3 U
Semi-volatiles													
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2,4-Dichlorophenol	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2,4-Dinitrophenol	ug/L	50 U	50 UJ	51 U	-	-	-	-	-	-	-	50 U	50 U
2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2-Chloronaphthalene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
2-Chlorophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2-Methylnaphthalene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
2-Methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	50 U	50 U	51 U	-	-	-	-	-	-	-	50 U	50 U
2-Nitrophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
3,3'-Dichlorobenzidine	ug/L	50 U	R	10 U	-	-	-	-	-	-	-	50 U	50 U
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	50 U	50 U	51 U	-	-	-	-	-	-	-	50 U	50 U
4,6-Dinitro-2-methylphenol	ug/L	50 U	50 UJ	51 U	-	-	-	-	-	-	-	50 U	50 U
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
4-Chloroaniline	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
4-Nitroaniline	ug/L	50 U	50 U	51 U	-	-	-	-	-	-	-	50 U	50 U
4-Nitrophenol	ug/L	50 U	50 U	51 U	-	-	-	-	-	-	-	50 U	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Acenaphthylene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Acetophenone	ug/L	-	-	10 U	-	-	-	-	-	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Atrazine	ug/L	-	-	10 U	-	-	-	-	-	-	-	-	-
Benzaldehyde	ug/L	-	-	10 U	-	-	-	-	-	-	-	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Benzo(a)pyrene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Benzo(b)fluoranthene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Benzo(k)fluoranthene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	3 U	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	10 U	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	7 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	1 J	10 U	10 U
Caprolactam	ug/L	-	-	51 U	-	-	-	-	-	-	-	-	-
Carbazole	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Dibenz(a,h)anthracene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
Diethyl phthalate	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	2 U	10 U	10 U
Dimethyl phthalate	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	7 U	10 U	10 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Fluorene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Hexachlorobenzene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Hexachlorobutadiene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Hexachlorocyclopentadiene	ug/L	50 U	50 U	10 U	-	-	-	-	-	-	-	50 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
Hexachloroethane	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Isophorone	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	10 U	10 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Nitrobenzene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
N-Nitrosodiphenylamine	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	50 U	50 U	10 U	-	-	-	-	-	-	-	50 U	50 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Phenol	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	120	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	10 U	10 U	2.0 U	-	-	-	-	-	-	-	10 U	10 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Metals													
Aluminum	ug/L	734 U	200 U	-	-	-	-	-	-	-	26000	213 U	200 U
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	4.1 U	60 U	-	-	-	-	-	-	-	-	4.1 U	60 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	2.0 U	10 U	-	-	-	-	21	-	-	4.7 J	2.0 U	10 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	33.6	36.5	-	-	-	-	-	-	-	236	43.9	40.7
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	0.077 U	5 U	-	-	-	-	2	-	-	1.5 B	0.077 U	5 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	0.72	5 U	-	-	-	-	-	-	-	-	0.63 U	5 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	112000 J	122000	-	-	-	-	-	-	-	222000	131000 J	121000
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	2.7	10 U	-	-	-	-	30	-	-	40.5	3.7	10 U
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	2.6 U	50 U	-	-	-	-	-	-	-	28.7 B	2.6 U	50 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	2.0 U	25 U	-	-	-	-	90	-	-	75.9	1.3 U	25 U
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	1060	100 U	-	-	-	-	-	-	-	67500 J	327	99.8
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	3.1	3 U	-	-	-	-	140	31	-	35.8	1.8 U	3 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	11200	12700	-	-	-	-	-	-	-	33600	13500	12900
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	25.6	15 U	-	-	-	-	-	-	-	2020	8.4	1.6
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.086 U	0.2 U	-	-	-	-	-	-	-	-	0.054 U	0.2 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
Nickel	ug/L	7.9 U	40 U	-	-	-	-	80	-	-	53.4	7.9 U	40 U
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	755 U	496	-	-	-	-	-	-	-	4980 B	942 U	600
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	3.2 U	5 U	-	-	-	-	-	-	-	-	3.2 U	5 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	0.75 U	10 U	-	-	-	-	-	-	-	-	1.6	10 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	3690	4370	-	-	-	-	-	-	-	114000	31700	28800
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	5.7 U	10 U	-	-	-	-	70	-	-	-	5.7 U	10 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	4.1 U	50 U	-	-	-	-	-	-	-	57	4.1 U	50 U
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	7.3 U	20 U	-	-	-	-	180	-	-	234 J	3.2 U	20 U
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1221 (PCB-1221)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1232 (PCB-1232)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1242 (PCB-1242)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1248 (PCB-1248)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1254 (PCB-1254)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Aroclor-1260 (PCB-1260)	ug/L	1.0 U	-	-	-	-	-	-	-	-	-	1.0 U	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides													
4,4'-DDD	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
4,4'-DDE	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
4,4'-DDT	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Aldrin	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
alpha-BHC	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Chlordane	ug/L	0.50 U	-	-	-	-	-	-	-	-	-	0.50 U	-
delta-BHC	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Dieldrin	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endosulfan I	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endosulfan II	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endosulfan sulfate	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endrin	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endrin aldehyde	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Endrin ketone	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
gamma-BHC (lindane)	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Heptachlor epoxide	ug/L	0.050 U	-	-	-	-	-	-	-	-	-	0.050 U	-
Methoxychlor	ug/L	0.10 U	-	-	-	-	-	-	-	-	-	0.10 U	-
Toxaphene	ug/L	2.0 U	-	-	-	-	-	-	-	-	-	2.0 U	-
Petroleum Products													

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-10*	*GT-11*	*GT-11*	*GT-11*	*GT-12*	*GT-12*	*GT-12*	*GT-12*
Sample ID:		*GW-18631-RW-010*	*GW-18631-RW-15*	*GW-18631-100509-BP-012*	*GW-18631-101111-AW-001*	*GW-18631-120611-006*	*GT-11*	*GT-11*	*GT-11-NY*	*GT-12*	*GT-12*	*GW-18631-RW-009*	*GW-18631-RW-10*
Sample Date:		*10/17/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/6/2011*	*2/18/1988*	*9/9/1988*	*9/9/1988*	*2/18/1988*	*9/8/1992*	*10/17/2001*	*4/2/2002*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	100 U	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	490 U	500 U	-	-	-	-	-	-	-	-	470 U	480 U
General Chemistry													
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	10.0 U	-	-	-	-	-	-	-	-	0.82 B	10.0 U	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	10 U	-	-	-	-	-	-	-	-	-	10 U	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
Parameters	***Units***											
Volatiles												
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	20 U	-	1 U	1.0 U	1.0 U	1.0 U	-	-
1,2,4-Trichlorobenzene	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	**2590**	-	1 U	**5.9**	1.0 U	1.0 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2-Dichlorobenzene	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,2-Dichloroethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	**2880**	-	1 U	**20**	1.0 U	1.0 U	-	-
1,3-Dichlorobenzene	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
1,3-Dichloropropane	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
2,2-Dichloropropane	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	-	10 U	-	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	-	5.0 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	-	10 U	-	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	-	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	-	10 U	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U	-	5.0 U
Acetone	ug/L	2.9 J	-	10 U	-	10 UJ	10 UJ	5.0 U	5.0 U	5.0 U	-	10 UJ
Benzene	ug/L	1.0 U	-	5 U	20 U	**1.1**	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Bromobenzene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Bromoform	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	-	10 U	20 U	1.0 U	2 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Carbon disulfide	ug/L	1.0 U	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Carbon tetrachloride	ug/L	1.0 U	-	5 U	20 U	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	-	1.0 UJ
Chlorobenzene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Chlorobromomethane	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	-	10 U	50 U	2.0 UJ	2 U	1.0 U	1.0 U	1.0 U	-	2.0 UJ
Chloroform (Trichloromethane)	ug/L	2.7	-	5 U	50 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	-	10 U	100 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	2.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Cyclohexane	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	**48.4**	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Dibromomethane	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	-	-	100 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Ethylbenzene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
Hexachlorobutadiene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	1.0 U	-	-	29.9	-	1 U	1.3	1.0 U	1.0 U	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Methyl cyclohexane	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Methyl tert butyl ether (MTBE)	ug/L	1.0 U	-	-	50 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Methylene chloride	ug/L	1.0 U	-	5 U	100 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	2.0 U
Naphthalene	ug/L	-	-	-	20 TBQ	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	37.7	-	1 U	2.3	0.21 J	1.0 U	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Toluene	ug/L	1.0 U	-	5 U	20 U	1.0 U	0.33 J	1.0 U	1.0 U	1.0 U	-	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	-	5 U	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	0.72 J	-	5 U	20 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	-	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	-	-	20 U	-	-	1.0 U	1.0 U	1.0 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	1.0 U	-	-
Vinyl acetate	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	1.0 U	-	10 U	100 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	-	2.0 U
Xylenes (total)	ug/L	3.0 U	620	170	115	3.0 U	3 U	3.0 U	3.0 U	3.0 U	-	3.0 U
Semi-volatiles												
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	2 U	10 U	10 U	-	-	-	-	10 U
1,2-Dichlorobenzene	ug/L	-	-	-	2 U	10 U	10 U	-	-	-	-	10 U
1,2-Diphenylhydrazine	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	2 U	10 U	10 U	-	-	-	-	10 U
1,4-Dichlorobenzene	ug/L	-	-	-	2 U	10 U	10 U	-	-	-	-	10 U
1-Chloronaphthalene	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	1.9 U	-	-	10 U	10 U	10 U	2.2 U	-	-	-	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	9.6 U	-	5 U	10 U	10 U	10 U	11 U	-	-	-	10 U
2,4,6-Trichlorophenol	ug/L	9.6 U	-	5 U	10 U	10 U	10 U	11 U	-	-	-	10 U
2,4-Dichlorophenol	ug/L	1.9 U	-	5 U	5 U	10 U	10 U	2.2 U	-	-	-	10 U
2,4-Dimethylphenol	ug/L	9.6 U	2 J	5 U	5 U	10 U	10 U	11 U	-	-	-	10 U
2,4-Dinitrophenol	ug/L	48 U	-	25 U	-	50 U	50 U	54 U	-	-	-	50 U
2,4-Dinitrotoluene	ug/L	9.6 U	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U
2,6-Dichlorophenol	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	9.6 U	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U
2-Chloronaphthalene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
2-Chlorophenol	ug/L	9.6 U	-	5 U	5 U	10 U	10 U	11 U	-	-	-	10 U
2-Methylnaphthalene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
2-Methylphenol	ug/L	9.6 U	-	5 U	5 U	10 U	10 U	11 U	-	-	-	10 U
2-Naphthylamine	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	48 U	-	-	20 U	50 U	50 U	54 U	-	-	-	50 U
2-Nitrophenol	ug/L	9.6 U	-	5 U	10 U	10 U	10 U	11 U	-	-	-	10 U
2-Picoline	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	5 U	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
3,3'-Dichlorobenzidine	ug/L	9.6 U	-	-	5 U	50 U	50 U	11 U	-	-	-	50 U
3-Methylcholanthrene	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	48 U	-	-	20 U	50 U	50 U	54 U	-	-	-	50 U
4,6-Dinitro-2-methylphenol	ug/L	48 U	-	-	50 U	50 U	50 U	54 U	-	-	-	50 U
4-Aminobiphenyl	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	9.6 U	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U
4-Chloro-3-methylphenol	ug/L	9.6 U	-	10 U	10 U	10 U	10 U	11 U	-	-	-	10 U
4-Chloroaniline	ug/L	9.6 U	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U
4-Chlorophenyl phenyl ether	ug/L	9.6 U	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	25 U	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	9.6 U	-	5 U	-	10 U	10 U	11 U	-	-	-	10 U
4-Nitroaniline	ug/L	48 U	-	-	20 U	50 U	50 U	54 U	-	-	-	50 U
4-Nitrophenol	ug/L	48 U	-	25 U	-	50 U	50 U	54 U	-	-	-	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Acenaphthene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Acenaphthylene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Acetophenone	ug/L	9.6 U	-	-	2 U	-	-	11 U	-	-	-	-
Aldrin	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Anthracene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Atrazine	ug/L	9.6 U	-	-	-	-	-	11 U	-	-	-	-
Benzaldehyde	ug/L	9.6 U	-	-	-	-	-	11 U	-	-	-	-
Benzidine	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Benzo(a)pyrene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Benzo(b)fluoranthene	ug/L	1.9 U	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Benzo(k)fluoranthene	ug/L	1.9 U	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	9.6 U	-	-	-	-	-	11 U	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	9.6 U	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U
bis(2-Chloroethyl)ether	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	9.6 U	1 U	-	10 U	10 U	10 U	11 U	-	-	3 U	10 U
Butyl benzylphthalate (BBP)	ug/L	9.6 U	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U
Caprolactam	ug/L	48 U	-	-	-	-	-	54 U	-	-	-	-
Carbazole	ug/L	1.9 U	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U
Chlordane	ug/L	-	-	-	30 U	-	-	-	-	-	-	-
Chrysene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Dibenz(a,h)anthracene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	2 U	-	-	-	-	-	-	-
Dibenzofuran	ug/L	9.6 U	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U
Diethyl phthalate	ug/L	9.6 U	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U
Dimethyl phthalate	ug/L	9.6 U	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U
Di-n-butylphthalate (DBP)	ug/L	9.6 U	6 U	-	10 U	10 U	10 U	11 U	-	-	-	10 U
Di-n-octyl phthalate (DnOP)	ug/L	9.6 U	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U
Ethyl methanesulfonate	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
Fluoranthene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Fluorene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Hexachlorobenzene	ug/L	1.9 U	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U
Hexachlorobutadiene	ug/L	1.9 U	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U
Hexachlorocyclopentadiene	ug/L	9.6 U	-	-	20 U	50 U	50 U	11 U	-	-	-	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
Hexachloroethane	ug/L	9.6 U	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U
Indeno(1,2,3-cd)pyrene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Isophorone	ug/L	9.6 U	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U
Methyl methanesulfonate	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Naphthalene	ug/L	1.9 U	12	-	3.4	10 U	10 U	2.2 U	-	-	-	10 U
Nitrobenzene	ug/L	1.9 U	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	1.9 U	-	-	10 U	10 U	10 U	2.2 U	-	-	-	10 U
N-Nitrosodiphenylamine	ug/L	1.9 U	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U
N-Nitrosopiperidine	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	9.6 U	-	25 U	50 U	50 U	50 U	11 U	-	-	-	50 U
Phenacetin	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
Phenanthrene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Phenol	ug/L	1.9 U	-	5 U	5 U	10 U	10 U	2.2 U	-	-	32	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	5 U	-	-	-	-	-	-	-
Pyrene	ug/L	1.9 U	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U
Pyridine	ug/L	-	-	-	10 U	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	20 U	-	-	-	-	-	-	-
Metals												
Aluminum	ug/L	-	8830	-	-	14.6 U	200 U	-	-	-	20000	2830
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	-	4.1 U	60 U	-	-	-	-	4.1 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	1.4 J	-	-	2.0 U	10 U	-	-	-	5.2 J	2.0 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	126 B	-	-	88.7	36.8	-	-	-	198 B	44.9
Barium (dissolved)	ug/L	-	59.3 B	-	-	-	-	-	-	-	42.8 B	-
Beryllium	ug/L	-	-	-	-	0.077 U	5 U	-	-	-	1.2 B	0.24 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	0.63 U	5 U	-	-	-	-	0.63 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	172000	-	-	132000 J	110000	-	-	-	230000	118000 J
Calcium (dissolved)	ug/L	-	135000	-	-	-	-	-	-	-	107000	-
Chromium	ug/L	-	13.3	-	-	2.8	10 U	-	-	-	36.4	7.6
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	6.9 B	-	-	2.6 U	50 U	-	-	-	19.3 B	2.6
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	21.5 B	-	-	2.3	25 U	-	-	-	52.5	10.0
Copper (dissolved)	ug/L	-	5 B	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	16800 J	-	-	194	70.8	-	-	-	45400 J	4710
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	6.6	-	-	1.8 U	3 U	-	-	-	26.3	1.9
Lead (dissolved)	ug/L	-	1.2 B	-	-	-	-	-	-	-	1.3 B	-
Magnesium	ug/L	-	23400	-	-	11300	12800	-	-	-	37200	15600
Magnesium (dissolved)	ug/L	-	16100	-	-	-	-	-	-	-	15400	-
Manganese	ug/L	-	672	-	-	839	18.5	-	-	-	1510	111
Manganese (dissolved)	ug/L	-	173	-	-	-	-	-	-	-	5.9 B	-
Mercury	ug/L	-	2 J	-	-	0.054 U	0.2 U	-	-	-	-	0.054 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
Nickel	ug/L	-	16.4 B	-	-	7.9 U	40 U	-	-	-	40.7	7.9 U
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	3850 B	-	-	1360	646	-	-	-	5160	2200
Potassium (dissolved)	ug/L	-	1380 B	-	-	-	-	-	-	-	1880 B	-
Selenium	ug/L	-	-	-	-	3.2 U	5 U	-	-	-	-	3.2 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	-	-	-	0.75 U	10 U	-	-	-	-	0.75 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	47600	-	-	277000	29800	-	-	-	4570 B	2980
Sodium (dissolved)	ug/L	-	38700	-	-	-	-	-	-	-	3360 B	-
Thallium	ug/L	-	-	-	-	5.7 U	10 U	-	-	-	-	5.7 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	17 B	-	-	4.8	50 U	-	-	-	44 B	9.5
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	217	-	-	10.9 U	20 U	-	-	-	184 J	51.3
Zinc (dissolved)	ug/L	-	25.6 J	-	-	-	-	-	-	-	23.3 J	-
PCBs												
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	30 U	1.0 U	-	-	-	-	-	1.0 U
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pesticides												
4,4'-DDD	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
4,4'-DDE	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
4,4'-DDT	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Aldrin	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	0.050 U
alpha-BHC	ug/L	-	-	-	10 U	0.050 U	-	-	-	-	-	0.050 U
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	0.050 U
Chlordane	ug/L	-	-	-	-	0.50 U	-	-	-	-	-	0.50 U
delta-BHC	ug/L	-	-	-	10 U	0.050 U	-	-	-	-	-	0.050 U
Dieldrin	ug/L	-	-	-	10 U	0.050 U	-	-	-	-	-	0.050 U
Endosulfan I	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Endosulfan II	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Endosulfan sulfate	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Endrin	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Endrin aldehyde	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Endrin ketone	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	0.050 U
gamma-BHC (lindane)	ug/L	-	-	-	-	0.050 U	-	-	-	-	-	0.050 U
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	10 U	0.050 U	-	-	-	-	-	0.050 U
Heptachlor epoxide	ug/L	-	-	-	20 U	0.050 U	-	-	-	-	-	0.050 U
Methoxychlor	ug/L	-	-	-	5 U	0.10 U	-	-	-	-	-	0.10 U
Toxaphene	ug/L	-	-	-	-	2.0 U	-	-	-	-	-	2.0 U
Petroleum Products												

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-12*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-13*	*GT-14*	*GT-14*
Sample ID:		*GW-18631-100609-BP-020*	*GT-13*	*GT-13*	*GT-13*	*GW-18631-RW-005*	*GW-18631-RW-08*	*GW-18631-100609-RR-029*	*GW-18631-101211-AW-007*	*GW-18631-120711-010*	*GT-14*	*GW-18631-RW-004*
Sample Date:		*10/6/2009*	*9/8/1992*	*9/2/1993*	*12/13/1994*	*10/16/2001*	*4/2/2002*	*10/6/2009*	*10/12/2011*	*12/7/2011*	*9/8/1992*	*10/16/2001*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	100 U	-	-	-	-	-	100 U	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	360 J	500 U	-	-	-	-	500 U
General Chemistry												
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	1.3 B	-	-	10.0 U	-	-	-	-	1.3 B	10.0 U
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	10 U	-	-	-	-	-	10 U
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009*	*9/8/1992*	*9/8/1992*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
				Duplicate		*Duplicate*					
Parameters	***Units***										
Volatiles											
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	1 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	1 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	1 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5 UJ	5.0 U	5.0 U	-	-	5.0 UJ	5 U	5.0 U	5.0 U	5.0 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5 UJ	5.0 U	5.0 U	-	-	5.0 UJ	5 U	5.0 U	5.0 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5 U	5.0 U	5.0 U	-	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L	10 UJ	5.0 U	5.0 U	-	-	10 UJ	10 UJ	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	2 U	1.0 UJ	1.0 UJ	-	-	1.0 U	2 U	1.0 UJ	1.0 U	1.0 U
Carbon disulfide	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	0.30 J	1.0 U	0.23
Chlorobenzene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	2 U	1.0 U	1.0 U	-	-	2.0 UJ	2 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1 U	1.0 U	1.0 U	2 J	2 J	1.0 U	0.49 J	0.25 J	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	2 U	1.0 U	1.0 U	-	-	2.0 U	2 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009*	*9/8/1992*	*9/8/1992*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
				Duplicate		*Duplicate*					
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	1 U	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	2 U	1.0 U	1.0 U	-	-	2.0 U	2 U	1.0 U	1.0 U	1.0 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	1 U	1.0 U	1.0 U	-	-	-	-	-	1.0 U	1.0 U
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	0.65 J	0.18 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1 U	1.0 U	1.0 U	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	1 U	1.0 U	1.0 U	9 J	4 J	4.3	2.8	1.5	1.0	1.4
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	2 U	1.0 U	1.0 U	-	-	2.0 U	2 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	3 U	3.0 U	3.0 U	-	-	3.0 U	3 U	3.0 U	3.0 U	3.0 U
Semi-volatiles											
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	10 U	-	-	-	-	10 U	10 U	-	-	-
1,2-Dichlorobenzene	ug/L	10 U	-	-	-	-	10 U	10 U	-	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	10 U	-	-	-	-	10 U	10 U	-	-	-
1,4-Dichlorobenzene	ug/L	10 U	-	-	-	-	10 U	10 U	-	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2,4,6-Trichlorophenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2,4-Dichlorophenol	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
2,4-Dimethylphenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2,4-Dinitrophenol	ug/L	50 UJ	49 U	54 U	-	-	50 U	50 UJ	50 U	-	-
2,4-Dinitrotoluene	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2-Chloronaphthalene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
2-Chlorophenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2-Methylnaphthalene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
2-Methylphenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	50 U	49 U	54 U	-	-	50 U	50 U	50 U	-	-
2-Nitrophenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009*	*9/8/1992*	*9/8/1992*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
				Duplicate		*Duplicate*					
3,3'-Dichlorobenzidine	ug/L	50 U	9.8 U	11 U	-	-	50 U	R	10 U	-	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	50 U	49 U	54 U	-	-	50 U	50 U	50 U	-	-
4,6-Dinitro-2-methylphenol	ug/L	50 UJ	49 U	54 U	-	-	50 U	50 UJ	50 U	-	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
4-Chloro-3-methylphenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
4-Chloroaniline	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
4-Chlorophenyl phenyl ether	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
4-Nitroaniline	ug/L	50 U	49 U	54 U	-	-	50 U	50 U	50 U	-	-
4-Nitrophenol	ug/L	50 U	49 U	54 U	-	-	50 UJ	50 U	50 U	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Acenaphthylene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Acetophenone	ug/L	-	9.8 U	11 U	-	-	-	-	10 U	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Atrazine	ug/L	-	9.8 U	11 U	-	-	-	-	10 U	-	-
Benzaldehyde	ug/L	-	9.8 U	11 U	-	-	-	-	10 U	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Benzo(a)pyrene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Benzo(b)fluoranthene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Benzo(k)fluoranthene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	9.8 U	11 U	-	-	-	-	10 U	-	-
bis(2-Chloroethoxy)methane	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
bis(2-Chloroethyl)ether	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	10 U	9.8 U	11 U	6 U	3 U	10 U	10 U	10 U	-	-
Butyl benzylphthalate (BBP)	ug/L	10 U	9.8 U	11 U	2 U	1 J	10 U	10 U	10 U	-	-
Caprolactam	ug/L	-	49 U	54 U	-	-	-	-	50 U	-	-
Carbazole	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Dibenz(a,h)anthracene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
Diethyl phthalate	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
Dimethyl phthalate	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
Di-n-butylphthalate (DBP)	ug/L	10 U	9.8 U	11 U	2 U	2 U	10 U	10 U	10 U	-	-
Di-n-octyl phthalate (DnOP)	ug/L	10 U	9.8 U	11 U	2 U	-	10 U	10 U	10 U	-	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Fluorene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Hexachlorobenzene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Hexachlorobutadiene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Hexachlorocyclopentadiene	ug/L	50 U	9.8 U	11 U	-	-	50 U	50 U	10 U	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009* *Duplicate*	*9/8/1992*	*9/8/1992* *Duplicate*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
Hexachloroethane	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
Indeno(1,2,3-cd)pyrene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Isophorone	ug/L	10 U	9.8 U	11 U	-	-	10 U	10 U	10 U	-	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Nitrobenzene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
N-Nitrosodiphenylamine	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	50 U	9.8 U	11 U	-	-	50 U	50 U	10 U	-	-
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Phenol	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	10 U	2.0 U	2.2 U	-	-	10 U	10 U	2.0 U	-	-
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-
Metals											
Aluminum	ug/L	465	-	-	1230	702	23.8 U	200 U	-	-	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	60 U	-	-	-	-	4.1 U	60 U	-	-	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	10 U	-	-	1.3 J	1.3 J	2.0 U	10 U	-	-	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	33	-	-	72.8 B	69.7 B	44.2	43.6	-	-	-
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	5 U	-	-	-	-	0.077 U	5 U	-	-	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	5 U	-	-	-	-	0.63 U	5 U	-	-	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	116000	-	-	92600	87800	73300	69400	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	10 U	-	-	5.9 B	4.7 B	1.8	10 U	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	50 U	-	-	-	-	2.6 U	50 U	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	2	-	-	14.4 B	11.6 B	4.3 U	25 U	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	**655**	-	-	**4820 J**	**2500 J**	16.5 U	100 U	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	3 U	-	-	6.5	5	1.8 U	3 U	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	14800	-	-	12900	13000	10900	10900	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	16.7	-	-	164	114	0.88 U	15 U	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.2 U	-	-	-	-	0.054 U	0.2 U	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009*	*9/8/1992*	*9/8/1992*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
				Duplicate		*Duplicate*					
Nickel	ug/L	1.8	-	-	-	-	7.9 U	40 U	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	645	-	-	1540 B	1200 B	1070 U	600	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	5 U	-	-	-	-	3.2 U	5 U	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	1.2	-	-	-	-	0.75 U	10 U	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	2710	-	-	**22900**	**28800**	**24600**	**24900 J**	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	10 U	-	-	-	-	5.7 U	10 U	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	50 U	-	-	4.5 B	-	7.5 U	50 U	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	20 U	-	-	29.3 J	32.2 J	3.2 U	20 U	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	1.0 U	-	-	-	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-
Pesticides											
4,4'-DDD	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
4,4'-DDE	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
4,4'-DDT	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
alpha-BHC	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	0.50 U	-	-	-	-
delta-BHC	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Dieldrin	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endrin	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endrin aldehyde	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Endrin ketone	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Heptachlor epoxide	ug/L	-	-	-	-	-	0.050 U	-	-	-	-
Methoxychlor	ug/L	-	-	-	-	-	0.10 U	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	2.0 U	-	-	-	-
Petroleum Products											

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-14*	*GT-14*	*GT-14*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*	*GT-15*
Sample ID:		*GW-18631-RW-03*	*GW-18631-100209-RR-015*	*GW-18631-100209-RR-017*	*GT-15*	*GT-18*	*GW-18631-RW-025*	*GW-18631-RW-25*	*GW-18631-100109-RR-009*	*GW-18631-101111-AW-005*	*GW-18631-120611-009*
Sample Date:		*4/2/2002*	*10/2/2009*	*10/2/2009*	*9/8/1992*	*9/8/1992*	*10/18/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/6/2011*
				Duplicate		*Duplicate*					
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	100 UJ	100 UJ	-	-	-	-	100 UJ	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	480 U	-	-	-	-	460 U	500 U	-	-	-
General Chemistry											
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	5.88	1 B	10.0 U	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	10 U	-	-	-	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*	*GW-18631-120511-005*	*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*	*Duplicate*	*10/17/2001*	*4/3/2002*
			Duplicate										
Parameters	***Units***												
Volatiles													
1,1,1,2-Tetrachloroethane	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	-	-	2 U	1.1	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	-	-	2 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2-Trichloroethane	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethane	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloropropene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	2 U	-	-	-	1.0 U	1.0 U	1.0 U	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	2 U	-	-	-	1.0 U	1.0 U	1.0 U	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
1,2-Dichlorobenzene	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
1,2-Dichloroethane	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,3,5-Trimethylbenzene	ug/L	-	-	2 U	-	-	-	1.0 U	1.0 U	1.0 U	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
1,3-Dichloropropane	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
2,2-Dichloropropane	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	-	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	-	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 UJ
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	-	-	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U
Acetone	ug/L	-	-	-	10 UJ	10 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.3 J	10 UJ
Benzene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromobenzene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	-	-	2 U	1.0 U	1 U	0.29 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromoform	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromomethane (Methyl bromide)	ug/L	-	-	5 U	1.0 U	2 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Carbon disulfide	ug/L	-	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Carbon tetrachloride	ug/L	2 J	2 J	2 U	1.0 U	0.82 J	1.1	0.87 J	0.83	0.84	1.0 U	1.0 U	1 U
Chlorobenzene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chlorobromomethane	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	-	-	5 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2 U
Chloroform (Trichloromethane)	ug/L	2 J	3 J	5 U	1.0 U	2	4.7	3.9 U	4.4	4.4	1.0 U	1.0 U	1 U
Chloromethane (Methyl chloride)	ug/L	-	-	10 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2 UJ
cis-1,2-Dichloroethene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	ug/L	-	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Cyclohexane	ug/L	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Dibromomethane	ug/L	-	-	2 U	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	-	10 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-
Ethylbenzene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*	*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*	*10/17/2001*	*4/3/2002*
			Duplicate							*Duplicate*		
Hexachlorobutadiene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
Methyl cyclohexane	ug/L	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	-	5 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
Methylene chloride	ug/L	-	-	10 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2 U
Naphthalene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	2 U	-	-	-	1.0 U	1.0 U	1.0 U	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	-	2 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Toluene	ug/L	-	-	2 U	1.0 U	1 U	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1 U
trans-1,2-Dichloroethene	ug/L	-	-	2 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
trans-1,3-Dichloropropene	ug/L	-	-	-	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	**26**	**28**	**21.7**	1.0 U	**13**	**14**	**8.7**	**6.0**	**5.7**	1.0 U	1 U
Trichlorofluoromethane (CFC-11)	ug/L	-	-	2 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	-	-	10 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2 U
Xylenes (total)	ug/L	-	-	2 U	3.0 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3 U
Semi-volatiles												
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	2 U	10 U	10 U	-	-	-	-	10 U	10 U
1,2-Dichlorobenzene	ug/L	-	-	2 U	10 U	10 U	-	-	-	-	10 U	10 U
1,2-Diphenylhydrazine	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	2 U	10 U	10 U	-	-	-	-	10 U	10 U
1,4-Dichlorobenzene	ug/L	-	-	2 U	10 U	10 U	-	-	-	-	10 U	10 U
1-Chloronaphthalene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	-	-	10 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	20 U	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2,4,6-Trichlorophenol	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2,4-Dichlorophenol	ug/L	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
2,4-Dimethylphenol	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2,4-Dinitrophenol	ug/L	-	-	-	50 U	50 UJ	56 U	-	-	-	50 U	50 UJ
2,4-Dinitrotoluene	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2,6-Dichlorophenol	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2-Chloronaphthalene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
2-Chlorophenol	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2-Methylnaphthalene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
2-Methylphenol	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2-Naphthylamine	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	-	20 U	50 U	50 U	56 U	-	-	-	50 U	50 U
2-Nitrophenol	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
2-Picoline	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	5 U	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*	*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*	*10/17/2001*	*4/3/2002*
			Duplicate							*Duplicate*		
3,3'-Dichlorobenzidine	ug/L	-	-	5 U	50 U	R	11 U	-	-	-	50 U	R
3-Methylcholanthrene	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	-	20 U	50 U	50 U	56 U	-	-	-	50 U	50 U
4,6-Dinitro-2-methylphenol	ug/L	-	-	50 U	50 U	50 UJ	56 U	-	-	-	50 U	50 UJ
4-Aminobiphenyl	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U	10 U
4-Chloro-3-methylphenol	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
4-Chloroaniline	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	-	-	10 U	10 U	11 U	-	-	-	10 U	10 U
4-Nitroaniline	ug/L	-	-	20 U	50 U	50 U	56 U	-	-	-	50 U	50 U
4-Nitrophenol	ug/L	-	-	-	50 UJ	50 U	56 U	-	-	-	50 U	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Acenaphthylene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Acetophenone	ug/L	-	-	2 U	-	-	11 U	-	-	-	-	-
Aldrin	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
Anthracene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Atrazine	ug/L	-	-	-	-	-	11 U	-	-	-	-	-
Benzaldehyde	ug/L	-	-	-	-	-	11 U	-	-	-	-	-
Benzidine	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Benzo(a)pyrene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Benzo(b)fluoranthene	ug/L	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Benzo(k)fluoranthene	ug/L	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	10 U	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	-	-	11 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	3 U	10 U	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	-	7 J	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
Caprolactam	ug/L	-	-	-	-	-	56 U	-	-	-	-	-
Carbazole	ug/L	-	-	-	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Chlordane	ug/L	-	-	30 U	-	-	-	-	-	-	-	-
Chrysene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Dibenz(a,h)anthracene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Dibenz(a,j)acridine	ug/L	-	-	2 U	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	-	2 U	10 U	10 U	11 U	-	-	-	10 U	10 U
Diethyl phthalate	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	3.2 J	10 U
Dimethyl phthalate	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	-	-	10 U	10 U	10 U	11 U	-	-	-	2.9 J	10 U
Di-n-octyl phthalate (DnOP)	ug/L	-	3 U	10 U	10 U	10 U	11 U	-	-	-	10 U	10 U
Ethyl methanesulfonate	ug/L	-	-	5 U	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Fluorene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Hexachlorobenzene	ug/L	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Hexachlorobutadiene	ug/L	-	-	5 U	10 U	10 U	2.2 U	-	-	-	10 U	10 U
Hexachlorocyclopentadiene	ug/L	-	-	20 U	50 U	50 U	11 U	-	-	-	50 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*		*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*		*10/17/2001*	*4/3/2002*
			Duplicate							*Duplicate*			
Hexachloroethane	ug/L	-	-	5 U	10 U	10 U	11 U	-	-	-		10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Isophorone	ug/L	-	-	2 U	10 U	10 U	11 U	-	-	-		10 U	10 U
Methyl methanesulfonate	ug/L	-	-	10 U	-	-	-	-	-	-		-	-
Naphthalene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Nitrobenzene	ug/L	-	-	5 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	5 U	-	-	-	-	-	-		-	-
N-Nitrosodimethylamine	ug/L	-	-	10 U	-	-	-	-	-	-		-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	5 U	-	-	-	-	-	-		-	-
N-Nitrosodi-n-propylamine	ug/L	-	-	10 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
N-Nitrosodiphenylamine	ug/L	-	-	-	10 U	10 U	2.2 U	-	-	-		10 U	10 U
N-Nitrosopiperidine	ug/L	-	-	10 U	-	-	-	-	-	-		-	-
Pentachlorophenol	ug/L	-	-	50 U	50 U	50 U	11 U	-	-	-		50 U	50 U
Phenacetin	ug/L	-	-	5 U	-	-	-	-	-	-		-	-
Phenanthrene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Phenol	ug/L	-	-	5 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-		-	-
Pronamide	ug/L	-	-	5 U	-	-	-	-	-	-		-	-
Pyrene	ug/L	-	-	2 U	10 U	10 U	2.2 U	-	-	-		10 U	10 U
Pyridine	ug/L	-	-	10 U	-	-	-	-	-	-		-	-
Toxaphene	ug/L	-	-	20 U	-	-	-	-	-	-		-	-
Metals													
Aluminum	ug/L	1310	987	-	544	200 U	-	-	-	-		8.6 U	14.2
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Antimony	ug/L	-	-	-	4.1 U	60 U	-	-	-	-		4.1 U	60 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Arsenic	ug/L	1.2 J	1.5 J	-	2.1	10 U	-	-	-	-		2.0 U	10 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Barium	ug/L	74.2 B	68.8 B	-	38.7	41	-	-	-	-		0.44 U	200 U
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Beryllium	ug/L	-	-	-	0.090 U	5 U	-	-	-	-		0.077 U	0.48
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Cadmium	ug/L	-	-	-	0.63 U	5 U	-	-	-	-		0.63 U	5 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Calcium	ug/L	121000	112000	-	116000	90200	-	-	-	-		27.7 J	5000 U
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Chromium	ug/L	4.5 B	3.8 B	-	**99.6**	10 U	-	-	-	-		1.1 U	10 U
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Cobalt	ug/L	-	-	-	2.6 U	50 U	-	-	-	-		2.6 U	50 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Copper	ug/L	5.9 B	6.7 B	-	3.8 U	25 U	-	-	-	-		2.1 U	25 U
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Iron	ug/L	**3040 J**	**2550 J**	-	**1300**	100 U	-	-	-	-		10.0 U	100 U
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Lead	ug/L	3.8	4.3	-	1.8 U	3 U	-	-	-	-		1.8 U	3 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Magnesium	ug/L	17400	16300	-	11700	13900	-	-	-	-		21.3 U	5000 U
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Manganese	ug/L	133	118	-	23.2	10	-	-	-	-		0.75 U	15 U
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Mercury	ug/L	-	-	-	0.054 U	0.2 U	-	-	-	-		0.094 U	0.2 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*		*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*		*10/17/2001*	*4/3/2002*
			Duplicate							*Duplicate*			
Nickel	ug/L	-	-	-	52.2	40 U	-	-	-	-		7.9 U	40 U
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Potassium	ug/L	1510 B	1280 B	-	1420 U	910	-	-	-	-		519 U	46.1
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Selenium	ug/L	-	-	-	3.2 U	5 U	-	-	-	-		3.2 U	5 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Silver	ug/L	-	-	-	0.75 U	10 U	-	-	-	-		0.75 U	10 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Sodium	ug/L	35600	36400	-	58900	42100 J	-	-	-	-		15.0 U	5000 U
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Thallium	ug/L	-	-	-	5.7 U	10 U	-	-	-	-		5.7 U	10 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Vanadium	ug/L	4.7 B	5.2 B	-	5.2 U	50 U	-	-	-	-		4.1 U	50 U
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
Zinc	ug/L	15.5 J	15 J	-	3.8	20 U	-	-	-	-		3.2 U	20 U
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-		-	-
PCBs													
Aroclor-1016 (PCB-1016)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	30 U	1.0 U	-	-	-	-	-		1.0 U	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-		-	-
Pesticides													
4,4'-DDD	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
4,4'-DDE	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
4,4'-DDT	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Aldrin	ug/L	-	-	-	0.050 U	-	-	-	-	-		0.050 U	-
alpha-BHC	ug/L	-	-	10 U	0.050 U	-	-	-	-	-		0.050 U	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-		-	-
beta-BHC	ug/L	-	-	-	0.050 U	-	-	-	-	-		0.050 U	-
Chlordane	ug/L	-	-	-	0.50 U	-	-	-	-	-		0.50 U	-
delta-BHC	ug/L	-	-	10 U	0.050 U	-	-	-	-	-		0.050 U	-
Dieldrin	ug/L	-	-	10 U	0.050 U	-	-	-	-	-		0.050 U	-
Endosulfan I	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Endosulfan II	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Endosulfan sulfate	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Endrin	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Endrin aldehyde	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Endrin ketone	ug/L	-	-	-	0.050 U	-	-	-	-	-		0.050 U	-
gamma-BHC (lindane)	ug/L	-	-	-	0.050 U	-	-	-	-	-		0.050 U	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-		-	-
Heptachlor	ug/L	-	-	10 U	0.050 U	-	-	-	-	-		0.050 U	-
Heptachlor epoxide	ug/L	-	-	20 U	0.050 U	-	-	-	-	-		0.050 U	-
Methoxychlor	ug/L	-	-	5 U	0.10 U	-	-	-	-	-		0.10 U	-
Toxaphene	ug/L	-	-	-	2.0 U	-	-	-	-	-		2.0 U	-
Petroleum Products													

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*GT-16*	*Rinse Blank*	*Rinse Blank*
Sample ID:		*GT-16*	*GT-17*	*GT-16*	*GW-18631-RW-019*	*GW-18631-RW-24*	*GW-18631-100109-RR-011*	*GW-18631-101111-AW-002*	*GW-18631-120511-003*	*GW-18631-120511-005*	*GW-18631-RW-015*	*GW-18631-RW-19*
Sample Date:		*9/8/1992*	*9/8/1992*	*12/13/1994*	*10/17/2001*	*4/4/2002*	*10/1/2009*	*10/11/2011*	*12/5/2011*	*12/5/2011*	*10/17/2001*	*4/3/2002*
			Duplicate							*Duplicate*		
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	100 UJ	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	490 U	470 U	-	-	-	-	470 U	470 U
General Chemistry												
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	10.0 U	-	-	-	-	-	10.0 U	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	10 U	-	-	-	-	-	10 U	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002* *Duplicate*
Parameters	***Units***											
Volatiles												
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,1,2-Trichloroethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,1-Dichloroethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,1-Dichloroethene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	-	-	-	-	-	-	-	-	25 U	50 U
1,2,4-Trichlorobenzene	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	**1500**	**1100**
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
1,2-Dichlorobenzene	ug/L	5 U	-	-	1.0 U	5 U	-	-	1.0 U	-	-	-
1,2-Dichloroethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,2-Dichloroethene (total)	ug/L	5 U	-	-	-	5 U	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	**510**	**370**
1,3-Dichlorobenzene	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	5.0 U	5 U	5.0 U	-	5.0 U	5 U	5.0 U	100 UJ	120 UJ	250 UJ
2-Chloroethyl vinyl ether	ug/L	10 U	-	-	-	10 U	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	5.0 U	5 UJ	5.0 U	-	5.0 U	5 UJ	5.0 U	100 UJ	120 UJ	250 UJ
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	5.0 U	5 U	5.0 U	-	5.0 U	5 U	5.0 U	100 U	120 U	250 U
Acetone	ug/L	-	10 UJ	10 UJ	5.0 U	-	10 UJ	10 UJ	3.3 J	200 UJ	250 UJ	500 UJ
Benzene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Bromoform	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Bromomethane (Methyl bromide)	ug/L	10 U	1.0 U	2 U	1.0 UJ	10 U	1.0 U	2 U	1.0 UJ	20 U	50 U	100 U
Carbon disulfide	ug/L	-	1.0 U	1 U	1.0 U	-	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Carbon tetrachloride	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Chlorobenzene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	10 U	2.0 U	2 U	1.0 U	10 U	2.0 U	2 U	1.0 U	40 UJ	50 U	100 UJ
Chloroform (Trichloromethane)	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Chloromethane (Methyl chloride)	ug/L	10 U	2.0 U	2 UJ	1.0 U	10 U	2.0 U	2 UJ	1.0 U	40 U	50 U	100 U
cis-1,2-Dichloroethene	ug/L	-	1.0 U	1 U	1.0 U	-	1.0 U	1 U	1.0 U	20 U	25 U	50 U
cis-1,3-Dichloropropene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Cyclohexane	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Ethylbenzene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002* *Duplicate*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	**85 J**	**39 J**
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Methyl cyclohexane	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Methylene chloride	ug/L	5 U	2.0 U	2 U	0.32 J	5 U	2.0 U	2 U	0.17 J	40 U	50 U	**380 J**
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	-	-	-	-	-	-	-	-	**110 J**	**940 J**
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	1.0 U	1 U	1.0 U	-	1.0 U	1 U	1.0 U	20 U	25 U	50 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Toluene	ug/L	5 U	1.0 U	1 U	1.0 U	5 U	1.0 U	1 U	1.0 U	20 U	25 U	50 U
trans-1,2-Dichloroethene	ug/L	-	1.0 U	1 U	1.0 U	-	1.0 U	1 U	1.0 U	20 U	25 U	50 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1 U	1.0 U	-	1.0 U	1 U	1.0 U	20 U	25 U	50 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	5 U	1.0 U	0.59 J	0.43 J	5 U	1.0 U	1 U	0.16 J	20 U	25 U	50 U
Trichlorofluoromethane (CFC-11)	ug/L	5 U	-	-	1.0 U	5 U	-	-	1.0 U	-	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	-	-	-	1.0 U	-	-	-	1.0 U	-	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	10 U	2.0 U	2 U	1.0 U	10 U	2.0 U	2 U	1.0 U	40 U	50 U	100 U
Xylenes (total)	ug/L	-	3.0 U	3 U	3.0 U	-	3.0 U	3 U	3.0 U	670	880 J	510 J
Semi-volatiles												
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U
1,2-Diphenylhydrazine	ug/L	10 U	-	-	-	10 U	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	10 U	10 U	9.9 U	-	10 U	10 U	9.7 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2,4-Dinitrophenol	ug/L	50 U	50 U	50 UJ	50 U	50 U	50 U	50 UJ	48 U	50 U	50 UJ	50 UJ
2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	-	10 U	10 U	2.0 U	-	10 U	10 U	1.9 U	10 U	10 U	10 U
2-Methylphenol	ug/L	-	10 U	10 U	9.9 U	-	10 U	10 U	9.7 U	10 U	10 U	10 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	50 U	50 U	50 U	-	50 U	50 U	48 U	50 U	50 U	50 U
2-Nitrophenol	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002* *Duplicate*
3,3'-Dichlorobenzidine	ug/L	20 U	50 U	R	9.9 U	20 U	50 U	R	9.7 U	50 U	50 U	50 U
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	50 U	50 U	50 U	-	50 U	50 U	48 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	ug/L	-	50 U	50 UJ	50 U	-	50 U	50 UJ	48 U	50 U	50 UJ	50 UJ
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	-	10 U	10 U	9.9 U	-	10 U	10 U	9.7 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	50 U	-	-	-	50 U	-	-	-	-	-	-
4-Methylphenol	ug/L	-	10 U	10 U	9.9 U	-	10 U	10 U	9.7 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	-	50 U	50 U	50 U	-	50 U	50 U	48 U	50 U	50 U	50 U
4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	48 U	50 UJ	50 U	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Acenaphthylene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Acetophenone	ug/L	-	-	-	9.9 U	-	-	-	9.7 U	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Atrazine	ug/L	-	-	-	9.9 U	-	-	-	9.7 U	-	-	-
Benzaldehyde	ug/L	-	-	-	9.9 U	-	-	-	9.7 U	-	-	-
Benzidine	ug/L	80 U	-	-	-	80 U	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	9.9 U	-	-	-	9.7 U	-	-	-
bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Caprolactam	ug/L	-	-	-	50 U	-	-	-	48 U	-	-	-
Carbazole	ug/L	-	10 U	10 U	2.0 U	-	10 U	10 U	1.9 U	10 U	10 U	10 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	10 U	10 U	9.9 U	-	10 U	10 U	9.7 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Dimethyl phthalate	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Fluorene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	10 U	50 U	50 U	9.9 U	10 U	50 U	50 U	9.7 U	50 U	50 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002 Duplicate*
Hexachloroethane	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Isophorone	ug/L	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	10 U	10 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	2.7 J	5 J	4.8 J
Nitrobenzene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	10 U	-	-	-	10 U	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	50 U	50 U	50 U	9.9 U	50 U	50 U	50 U	9.7 U	50 U	50 U	50 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Phenol	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	10 U	10 U	10 U	2.0 U	10 U	10 U	10 U	1.9 U	10 U	10 U	10 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-	-	-
Metals												
Aluminum	ug/L	-	32.5 U	200 U	-	-	72.7 U	200 U	-	251	76.2	200 U
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	4.1 U	60 U	-	-	4.1 U	60 U	-	4.1 U	60 U	60 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	2.0 U	10 U	-	-	2.0 U	10 U	-	2.0 U	10 U	10 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	58.5	61.6	-	-	41.2	48.3	-	45.2	43.9	42.5
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	0.077 U	5 U	-	-	0.23 U	5 U	-	0.090 U	5 U	5 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	0.63 U	5 U	-	-	0.63 U	5 U	-	0.63 U	5 U	5 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	143000 J	161000	-	-	119000 J	139000	-	120000	134000	131000
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	9.1	10 U	-	-	133	212	-	1.8	10 U	10 U
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	2.6 U	50 U	-	-	2.6 U	50 U	-	2.6 U	50 U	50 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	1.3 U	1.3	-	-	6.3 U	8.7	-	2.6 U	1.3	25 U
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	130	122	-	-	1640	2000	-	336	88.2	56.5
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	1.8 U	3 U	-	-	1.8 U	3 U	-	1.8 U	3 U	3 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	16400	19300	-	-	12300	14500	-	16000	16600	16400
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	19.2	9.8	-	-	21.0	6.2	-	209	538	525
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	0.061 U	0.2 U	-	-	0.085 U	0.2 U	-	0.054 U	0.2 U	0.2 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002* *Duplicate*
Nickel	ug/L	-	40.8	48	-	-	36.5	40	-	7.9 U	2.5	2.4
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	1020 U	816	-	-	772 U	691	-	1780 U	872	890
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	3.2 U	5 U	-	-	3.2 U	5 U	-	3.2 U	5 U	5 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	0.75 U	0.79	-	-	0.75 U	10 U	-	0.80	10 U	10 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	94100	77700	-	-	55400	52500	-	7450	3340	3260
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	5.7 U	10 U	-	-	7.0 U	10 U	-	5.7 U	10 U	10 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	4.1 U	50 U	-	-	4.1 U	50 U	-	6.4 U	50 U	50 U
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	6.0 U	5.2	-	-	3.2 U	20 U	-	3.2 U	20 U	20 U
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	1.0 U	-	-	-	1.0 U	-	-	1.0 U	-	-
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-	-	-
Pesticides												
4,4'-DDD	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
4,4'-DDE	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
4,4'-DDT	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Aldrin	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
alpha-BHC	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Chlordane	ug/L	-	0.50 U	-	-	-	0.50 U	-	-	0.50 U	-	-
delta-BHC	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Dieldrin	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.0051 J	-	-
Endosulfan I	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Endosulfan II	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Endosulfan sulfate	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Endrin	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.026 J	-	-
Endrin aldehyde	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Endrin ketone	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
gamma-BHC (lindane)	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Heptachlor epoxide	ug/L	-	0.050 U	-	-	-	0.050 U	-	-	0.050 U	-	-
Methoxychlor	ug/L	-	0.10 U	-	-	-	0.10 U	-	-	0.10 U	-	-
Toxaphene	ug/L	-	2.0 U	-	-	-	2.0 U	-	-	2.0 U	-	-
Petroleum Products												

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SMW-1*	*SMW-1*	*SMW-1*	*SMW-1*	*SMW-2*	*SMW-2*	*SMW-2*	*SMW-2*	*VRI-1*	*VRI-1*	*VRI-1*
Sample ID:		*SMW-1*	*GW-18631-RW-014*	*GW-18631-RW-17*	*GW-18631-093009-BP-002*	*SMW-2*	*GW-18631-RW-012*	*GW-18631-RW-16*	*GW-18631-093009-BP-004*	*GW-18631-RW-024*	*GW-18631-RW-06*	*GW-18631-RW-07*
Sample Date:		*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*9/27/1991*	*10/17/2001*	*4/3/2002*	*9/30/2009*	*10/18/2001*	*4/2/2002*	*4/2/2002*
												Duplicate
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	100 UJ	-	-	-	100 UJ	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	470 U	470 U	-	-	470 U	470 U	-	6800	4300	4600
General Chemistry												
Conductivity	umhos/cm	1140	-	-	-	1230	-	-	-	-	-	-
Cyanide (total)	ug/L	10 U	10.0 U	-	-	10 U	10.0 U	-	-	10.0 U	-	-
pH (water)	s.u.	7.2	-	-	-	7.2	-	-	-	-	-	-
Phenolics (total)	ug/L	-	10 U	-	-	-	10 U	-	-	10 U	-	-
Sulfide	ug/L	1700	-	-	-	720	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
 - Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-1*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*
Sample ID:		*GW-18631-100509-BP-014*	*GW-18631-122209-RR-002*	*GW-18631-101211-AW-009*	*GW-18631-120711-011*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-100609-BP-018*	*GW-18631-RW-002*	*GW-18631-RW-02*
Sample Date:		*10/5/2009*	*12/22/2009*	*10/12/2011*	*12/7/2011*	*10/18/2001*	*4/2/2002*	*10/6/2009*	*10/16/2001*	*4/2/2002*
Parameters	***Units***									
Volatiles										
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,1,2-Trichloroethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,1-Dichloroethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,1-Dichloroethene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	400 U	1.0 UJ	400 U	25 U	-	1 U	1.0 U	-	1 U
1,2,4-Trichlorobenzene	ug/L	400 U	1.0 U	400 UJ	25 U	-	-	1.0 U	-	-
1,2,4-Trimethylbenzene	ug/L	**14000**	**3700**	**6200**	**4900**	-	1 U	1.0 U	-	1 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
1,2-Dichlorobenzene	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
1,2-Dichloroethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
1,3,5-Trimethylbenzene	ug/L	**5400**	**1500**	**3200**	**2500**	-	1 U	1.0 U	-	1 U
1,3-Dichlorobenzene	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2000 U	3.8 J	2000 U	130 U	5.0 U	5 UJ	5.0 U	5.0 U	5 UJ
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	2000 U	0.39 J	2000 U	130 U	5.0 U	5 UJ	5.0 U	5.0 U	5 UJ
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2000 U	5.0 U	2000 U	130 U	5.0 U	5 U	5.0 U	5.0 U	5 U
Acetone	ug/L	2000 U	19	2000 U	130 U	10 UJ	10 UJ	3.2 J	10 UJ	10 UJ
Benzene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Bromoform	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Bromomethane (Methyl bromide)	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	2 U	1.0 U	1.0 U	2 U
Carbon disulfide	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Carbon tetrachloride	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 UJ	1 U
Chlorobenzene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	400 U	1.0 U	400 U	25 U	2.0 U	2 U	1.0 U	2.0 UJ	2 U
Chloroform (Trichloromethane)	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Chloromethane (Methyl chloride)	ug/L	400 U	1.0	400 U	25 U	2.0 U	2 U	1.0 U	2.0 U	2 U
cis-1,2-Dichloroethene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Cyclohexane	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Ethylbenzene	ug/L	400 U	**18**	400 U	**8.4**	1.0 U	1 U	1.0 U	1.0 U	1 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-1*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*
Sample ID:		*GW-18631-100509-BP-014*	*GW-18631-122209-RR-002*	*GW-18631-101211-AW-009*	*GW-18631-120711-011*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-100609-BP-018*	*GW-18631-RW-002*	*GW-18631-RW-02*
Sample Date:		*10/5/2009*	*12/22/2009*	*10/12/2011*	*12/7/2011*	*10/18/2001*	*4/2/2002*	*10/6/2009*	*10/16/2001*	*4/2/2002*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	820	250	110 J	89	-	1 U	1.0 U	-	1 U
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Methyl cyclohexane	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Methyl tert butyl ether (MTBE)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Methylene chloride	ug/L	400 U	1.0 U	400 U	9.1	2.0 U	2 U	0.71 J	2.0 U	2 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	870	230	400 U	53	-	1 U	1.0 U	-	1 U
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Styrene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Toluene	ug/L	400 U	1.8	400 U	4.5	1.0 U	0.34 J	1.0 U	1.0 U	1 U
trans-1,2-Dichloroethene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
trans-1,3-Dichloropropene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	400 U	1.0 U	400 U	25 U	1.0 U	1 U	1.0 U	1.0 U	1 U
Trichlorofluoromethane (CFC-11)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Trifluorotrichloroethane (Freon 113)	ug/L	400 U	1.0 U	400 U	25 U	-	-	1.0 U	-	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	400 U	1.0 U	400 U	25 U	2.0 U	2 U	1.0 U	2.0 U	2 U
Xylenes (total)	ug/L	8700	3100	3700	3800	3.0 U	3 U	3.0 U	3.0 U	3 U
Semi-volatiles										
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	10 U	10 U
1,2-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	10 U	10 U
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	10 U	10 U
1,4-Dichlorobenzene	ug/L	-	-	-	-	10 U	10 U	-	10 U	10 U
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2,4-Dichlorophenol	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
2,4-Dimethylphenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2,4-Dinitrophenol	ug/L	50 U	-	-	-	50 U	50 UJ	47 U	50 U	50 UJ
2,4-Dinitrotoluene	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2-Chloronaphthalene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
2-Chlorophenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2-Methylnaphthalene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
2-Methylphenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	50 U	-	-	-	50 U	50 U	47 U	50 U	50 U
2-Nitrophenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-1*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*
Sample ID:		*GW-18631-100509-BP-014*	*GW-18631-122209-RR-002*	*GW-18631-101211-AW-009*	*GW-18631-120711-011*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-100609-BP-018*	*GW-18631-RW-002*	*GW-18631-RW-02*
Sample Date:		*10/5/2009*	*12/22/2009*	*10/12/2011*	*12/7/2011*	*10/18/2001*	*4/2/2002*	*10/6/2009*	*10/16/2001*	*4/2/2002*
3,3'-Dichlorobenzidine	ug/L	9.9 U	-	-	-	50 U	50 U	9.4 U	50 U	50 U
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	50 U	-	-	-	50 U	50 U	47 U	50 U	50 U
4,6-Dinitro-2-methylphenol	ug/L	50 U	-	-	-	50 U	50 UJ	47 U	50 U	50 UJ
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
4-Chloroaniline	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
4-Nitroaniline	ug/L	50 U	-	-	-	50 U	50 U	47 U	50 U	50 U
4-Nitrophenol	ug/L	50 U	-	-	-	50 UJ	50 U	47 U	50 U	50 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Acenaphthylene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Acetophenone	ug/L	9.9 U	-	-	-	-	-	9.4 U	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Atrazine	ug/L	9.9 U	-	-	-	-	-	9.4 U	-	-
Benzaldehyde	ug/L	9.9 U	-	-	-	-	-	9.4 U	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Benzo(a)pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	9.9 U	-	-	-	-	-	9.4 U	-	-
bis(2-Chloroethoxy)methane	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Caprolactam	ug/L	50 U	-	-	-	-	-	47 U	-	-
Carbazole	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Diethyl phthalate	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Dimethyl phthalate	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Fluorene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Hexachlorobenzene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Hexachlorobutadiene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	9.9 U	-	-	-	50 U	50 U	9.4 U	50 U	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-1*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*
Sample ID:		*GW-18631-100509-BP-014*	*GW-18631-122209-RR-002*	*GW-18631-101211-AW-009*	*GW-18631-120711-011*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-100609-BP-018*	*GW-18631-RW-002*	*GW-18631-RW-02*
Sample Date:		*10/5/2009*	*12/22/2009*	*10/12/2011*	*12/7/2011*	*10/18/2001*	*4/2/2002*	*10/6/2009*	*10/16/2001*	*4/2/2002*
Hexachloroethane	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Isophorone	ug/L	9.9 U	-	-	-	10 U	10 U	9.4 U	10 U	10 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	6.4	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Nitrobenzene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	9.9 U	-	-	-	50 U	50 U	9.4 U	50 U	50 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Phenol	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	2.0 U	-	-	-	10 U	10 U	1.9 U	10 U	10 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	ug/L	-	-	-	-	124	200 U	-	950	2900
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	-	4.1 U	60 U	-	4.1 U	60 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	2.0 U	10 U	-	2.0 U	10 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	-	40.4	43.8	-	49.0	59.9
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	-	0.12 U	5 U	-	0.080 U	5 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	0.63 U	5 U	-	0.63 U	5 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	-	123000	123000	-	114000 J	125000
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	-	2.5	10 U	-	3.1	10 U
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	2.6 U	50 U	-	2.6 U	50 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	-	7.4 U	25 U	-	2.9	5.2
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	-	157	100 U	-	**1470**	**4220**
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	-	-	-	1.8 U	3 U	-	1.8 U	3 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	-	-	-	15200	16500	-	16900	17700
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	-	-	-	19.4	3.8	-	47.1	93.3
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	-	0.054 U	0.2 U	-	0.44	0.2 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		VRI-1	VRI-1	VRI-1	VRI-1	VRI-2	VRI-2	VRI-2	VRI-3	VRI-3
	Sample ID:		GW-18631-100509-BP-014	GW-18631-122209-RR-002	GW-18631-101211-AW-009	GW-18631-120711-011	GW-18631-RW-023	GW-18631-RW-09	GW-18631-100609-BP-018	GW-18631-RW-002	GW-18631-RW-02
	Sample Date:		10/5/2009	12/22/2009	10/12/2011	12/7/2011	10/18/2001	4/2/2002	10/6/2009	10/16/2001	4/2/2002
Nickel		ug/L	-	-	-	-	7.9 U	40 U	-	7.9 U	4.3
Nickel (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Potassium		ug/L	-	-	-	-	1650 U	645	-	2250	1550
Potassium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Selenium		ug/L	-	-	-	-	3.2 U	5 U	-	3.2 U	5 U
Selenium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Silver		ug/L	-	-	-	-	0.75 U	10 U	-	0.75 U	10 U
Silver (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Sodium		ug/L	-	-	-	-	9850	7460	-	8420	9270
Sodium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Thallium		ug/L	-	-	-	-	11.0	10 U	-	5.7 U	10 U
Thallium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Vanadium		ug/L	-	-	-	-	7.4 U	50 U	-	4.7	6
Vanadium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Zinc		ug/L	-	-	-	-	5.5	20 U	-	31.0 U	13.7
Zinc (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1221 (PCB-1221)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1232 (PCB-1232)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1242 (PCB-1242)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1248 (PCB-1248)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1254 (PCB-1254)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Aroclor-1260 (PCB-1260)		ug/L	-	-	-	-	1.0 U	-	-	1.0 U	-
Total PCBs		ug/L	-	-	-	-	-	-	-	-	-
Pesticides											
4,4'-DDD		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
4,4'-DDE		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
4,4'-DDT		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Aldrin		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
alpha-BHC		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
alpha-Chlordane		ug/L	-	-	-	-	-	-	-	-	-
beta-BHC		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Chlordane		ug/L	-	-	-	-	0.50 U	-	-	0.50 U	-
delta-BHC		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Dieldrin		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endosulfan I		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endosulfan II		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endosulfan sulfate		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endrin		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endrin aldehyde		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Endrin ketone		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
gamma-BHC (lindane)		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
gamma-Chlordane		ug/L	-	-	-	-	-	-	-	-	-
Heptachlor		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Heptachlor epoxide		ug/L	-	-	-	-	0.050 U	-	-	0.050 U	-
Methoxychlor		ug/L	-	-	-	-	0.10 U	-	-	0.10 U	-
Toxaphene		ug/L	-	-	-	-	2.0 U	-	-	2.0 U	-
Petroleum Products											

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-1*	*VRI-1*	*VRI-1*	*VRI-1*	*VRI-2*	*VRI-2*	*VRI-2*	*VRI-3*	*VRI-3*
Sample ID:		*GW-18631-100509-BP-014*	*GW-18631-122209-RR-002*	*GW-18631-101211-AW-009*	*GW-18631-120711-011*	*GW-18631-RW-023*	*GW-18631-RW-09*	*GW-18631-100609-BP-018*	*GW-18631-RW-002*	*GW-18631-RW-02*
Sample Date:		*10/5/2009*	*12/22/2009*	*10/12/2011*	*12/7/2011*	*10/18/2001*	*4/2/2002*	*10/6/2009*	*10/16/2001*	*4/2/2002*
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	36000	-	-	-	-	-	100 U	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	-	460 U	470 U	-	470 U	480 U
General Chemistry										
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	10.0 U	-	-	10.0 U	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	10 U	-	-	10 U	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-3*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*	*VRI-5*
Sample ID:		*GW-18631-093009-RR-005*	*GW-18631-101211-BP-008*	*GW-18631-120511-004*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-18631-093009-RR-007*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-100609-BP-022*
Sample Date:		*9/30/2009*	*10/12/2011*	*12/5/2011*	*10/16/2001*	*4/2/2002*	*9/30/2009*	*11/29/2001*	*4/4/2002*	*10/6/2009*
Parameters	***Units***									
Volatiles										
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 UJ	1.0 U
1,1,2-Trichloroethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,1-Dichloroethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,1-Dichloroethene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	4.0 U	1.0 U	1.0 U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
1,2,4-Trimethylbenzene	ug/L	**15**	1.0 U	1.0 U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
1,2-Dichlorobenzene	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
1,2-Dichloroethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	**11**	1.0 U	1.0 U	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	20 U	5.0 U	5.0 U	5.0 U	5 UJ	5.0 U	5 U	5 U	1.4 J
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	20 U	5.0 U	5.0 U	5.0 U	5 UJ	5.0 U	5 U	5 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	20 U	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5 U	5 U	5.0 U
Acetone	ug/L	20 U	5.0 U	5.0 U	10 UJ	10 UJ	5.0 U	38 J	10 UJ	5.0 U
Benzene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.1	1 U	1 U	0.22 J
Bromoform	ug/L	4.0 U	1.0 UJ	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	4.0 UJ	1.0 UJ	1.0 U	1.0 U	2 U	1.0 UJ	2 UJ	2 U	1.0 U
Carbon disulfide	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Carbon tetrachloride	ug/L	4.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1.0 U	1 U	1 U	1.0 U
Chlorobenzene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	4.0 U	1.0 U	1.0 U	2.0 UJ	2 U	1.0 U	2 U	2 U	1.0 U
Chloroform (Trichloromethane)	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	2.7	0.56 J	1 U	0.86 J
Chloromethane (Methyl chloride)	ug/L	4.0 U	1.0 U	1.0 U	2.0 U	2 U	1.0 U	2 U	2 U	1.0 U
cis-1,2-Dichloroethene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	ug/L	4.0 U	1.0 UJ	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Cyclohexane	ug/L	4.0 U	1.0 UJ	1.0 U	-	-	1.0 U	-	-	1.0 U
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	0.44 J	1 U	1 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
Ethylbenzene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-3*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*	*VRI-5*
Sample ID:		*GW-18631-093009-RR-005*	*GW-18631-101211-BP-008*	*GW-18631-120511-004*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-18631-093009-RR-007*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-100609-BP-022*
Sample Date:		*9/30/2009*	*10/12/2011*	*12/5/2011*	*10/16/2001*	*4/2/2002*	*9/30/2009*	*11/29/2001*	*4/4/2002*	*10/6/2009*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	84	6.0	6.5	-	-	1.0 U	-	-	1.0 U
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
Methyl cyclohexane	ug/L	4.0 U	1.0 UJ	1.0 U	-	-	1.0 U	-	-	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
Methylene chloride	ug/L	4.0 U	1.0 U	1.0 U	2.0 U	2 U	1.0 U	2 U	2 U	1.0 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	13	3.4	3.7	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Styrene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 UJ	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Toluene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	0.28 J	0.25 J	0.3 J	1.0 U
trans-1,2-Dichloroethene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	ug/L	4.0 U	1.0 UJ	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	4.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1 U	1 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	4.0 U	1.0 U	1.0 U	-	-	1.0 U	-	-	1.0 U
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	4.0 U	1.0 U	1.0 U	2.0 U	2 U	1.0 U	2 U	2 U	1.0 U
Xylenes (total)	ug/L	12 U	3.0 U	3.0 U	3.0 U	3 U	3.0 U	3 U	3 U	3.0 U
Semi-volatiles										
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	-	-	10 U	10 U	-	50 U	10 U	-
1,2-Dichlorobenzene	ug/L	-	-	-	10 U	10 U	-	50 U	10 U	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	-	-	10 U	10 U	-	50 U	10 U	-
1,4-Dichlorobenzene	ug/L	-	-	-	10 U	10 U	-	50 U	10 U	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2,4,6-Trichlorophenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2,4-Dichlorophenol	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
2,4-Dimethylphenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2,4-Dinitrophenol	ug/L	53 U	-	-	50 U	50 UJ	56 U	250 U	50 UJ	57 U
2,4-Dinitrotoluene	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2-Chloronaphthalene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
2-Chlorophenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2-Methylnaphthalene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
2-Methylphenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	53 U	-	-	50 U	50 U	56 U	250 U	50 U	57 U
2-Nitrophenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-3*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*	*VRI-5*
Sample ID:		*GW-18631-093009-RR-005*	*GW-18631-101211-BP-008*	*GW-18631-120511-004*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-18631-093009-RR-007*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-100609-BP-022*
Sample Date:		*9/30/2009*	*10/12/2011*	*12/5/2011*	*10/16/2001*	*4/2/2002*	*9/30/2009*	*11/29/2001*	*4/4/2002*	*10/6/2009*
3,3'-Dichlorobenzidine	ug/L	11 U	-	-	50 U	50 U	11 U	250 U	R	11 U
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	53 U	-	-	50 U	50 U	56 U	250 U	50 U	57 U
4,6-Dinitro-2-methylphenol	ug/L	53 U	-	-	50 U	50 UJ	56 U	250 U	50 UJ	57 U
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
4-Chloro-3-methylphenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
4-Chloroaniline	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
4-Chlorophenyl phenyl ether	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
4-Nitroaniline	ug/L	53 U	-	-	50 U	50 U	56 U	250 U	50 U	57 U
4-Nitrophenol	ug/L	53 U	-	-	50 U	50 U	56 U	250 U	50 U	57 U
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Acenaphthylene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Acetophenone	ug/L	11 U	-	-	-	-	11 U	-	-	11 U
Aldrin	ug/L	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Atrazine	ug/L	11 U	-	-	-	-	11 U	-	-	11 U
Benzaldehyde	ug/L	11 U	-	-	-	-	11 U	-	-	11 U
Benzidine	ug/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Benzo(a)pyrene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Benzo(b)fluoranthene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Benzo(k)fluoranthene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	11 U	-	-	-	-	11 U	-	-	11 U
bis(2-Chloroethoxy)methane	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
bis(2-Chloroethyl)ether	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Butyl benzylphthalate (BBP)	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Caprolactam	ug/L	53 U	-	-	-	-	56 U	-	-	57 U
Carbazole	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Dibenz(a,h)anthracene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Diethyl phthalate	ug/L	11 U	-	-	10 U	10 U	1.2 J	50 U	10 U	11 U
Dimethyl phthalate	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Di-n-butylphthalate (DBP)	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Di-n-octyl phthalate (DnOP)	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Fluorene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Hexachlorobenzene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Hexachlorobutadiene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Hexachlorocyclopentadiene	ug/L	11 U	-	-	50 U	50 U	11 U	250 UJ	50 U	11 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-3*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*	*VRI-5*
Sample ID:		*GW-18631-093009-RR-005*	*GW-18631-101211-BP-008*	*GW-18631-120511-004*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-18631-093009-RR-007*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-100609-BP-022*
Sample Date:		*9/30/2009*	*10/12/2011*	*12/5/2011*	*10/16/2001*	*4/2/2002*	*9/30/2009*	*11/29/2001*	*4/4/2002*	*10/6/2009*
Hexachloroethane	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Indeno(1,2,3-cd)pyrene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Isophorone	ug/L	11 U	-	-	10 U	10 U	11 U	50 U	10 U	11 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Nitrobenzene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
N-Nitrosodiphenylamine	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	11 U	-	-	50 U	50 U	11 U	250 U	50 U	11 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Phenol	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	2.1 U	-	-	10 U	10 U	2.2 U	50 U	10 U	2.3 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	ug/L	-	-	-	3470	6490	-	75100	4230	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	-	-	4.1 U	60 U	-	4.1 U	60 U	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	-	-	2.0 U	4	-	**54.1**	19.6	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	-	-	73.5	96.4	-	**1110**	198	-
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	-	-	0.18 U	5 U	-	2.6	5 U	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	-	-	0.63 U	5 U	-	0.63 U	5 U	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	-	-	120000 J	134000	-	1030000	112000	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	-	-	6.3	11.3	-	**112**	23.6 J	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	2.6 U	4.2	-	55	50 U	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	-	-	6.3	11	-	**202**	9.2	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	-	-	**5990**	**10600**	-	**130000**	**5340 J**	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	-	-	1.8 U	4.6	-	**57.3**	5 U	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	-	-	18200	19000	-	**114000**	24400	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	-	-	**384**	**814**	-	**3270**	216	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	-	-	0.096 U	0.2 U	-	0.19	0.2 U	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:		*VRI-3*	*VRI-3*	*VRI-3*	*VRI-4*	*VRI-4*	*VRI-4*	*VRI-5*	*VRI-5*	*VRI-5*
	Sample ID:		*GW-18631-093009-RR-005*	*GW-18631-101211-BP-008*	*GW-18631-120511-004*	*GW-18631-RW-001*	*GW-18631-RW-01*	*GW-18631-093009-RR-007*	*GW-112701-BP-001*	*GW-18631-RW-23*	*GW-18631-100609-BP-022*
	Sample Date:		*9/30/2009*	*10/12/2011*	*12/5/2011*	*10/16/2001*	*4/2/2002*	*9/30/2009*	*11/29/2001*	*4/4/2002*	*10/6/2009*
Nickel		ug/L	-	-	-	12.2	12.6	-	**110**	11.9	-
Nickel (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Potassium		ug/L	-	-	-	4220	3920	-	17600	2990	-
Potassium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Selenium		ug/L	-	-	-	3.2 U	5 U	-	3.2 U	5 U	-
Selenium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Silver		ug/L	-	-	-	0.75 U	10 U	-	0.75 U	10 U	-
Silver (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Sodium		ug/L	-	-	-	12200	16100	-	**29200**	10000 J	-
Sodium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Thallium		ug/L	-	-	-	5.7 U	10 U	-	5.7 U	10 U	-
Thallium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Vanadium		ug/L	-	-	-	6.6	15.2	-	124	9.5	-
Vanadium (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
Zinc		ug/L	-	-	-	27.4 U	29.5	-	523	32.8	-
Zinc (dissolved)		ug/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1221 (PCB-1221)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1232 (PCB-1232)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1242 (PCB-1242)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1248 (PCB-1248)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1254 (PCB-1254)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Aroclor-1260 (PCB-1260)		ug/L	-	-	-	1.0 U	-	-	1 U	-	-
Total PCBs		ug/L	-	-	-	-	-	-	-	-	-
Pesticides											
4,4'-DDD		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
4,4'-DDE		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
4,4'-DDT		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Aldrin		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
alpha-BHC		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
alpha-Chlordane		ug/L	-	-	-	-	-	-	-	-	-
beta-BHC		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Chlordane		ug/L	-	-	-	0.50 U	-	-	0.5 U	-	-
delta-BHC		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Dieldrin		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endosulfan I		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endosulfan II		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endosulfan sulfate		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endrin		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endrin aldehyde		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Endrin ketone		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
gamma-BHC (lindane)		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
gamma-Chlordane		ug/L	-	-	-	-	-	-	-	-	-
Heptachlor		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Heptachlor epoxide		ug/L	-	-	-	0.050 U	-	-	0.05 U	-	-
Methoxychlor		ug/L	-	-	-	0.10 U	-	-	0.1 U	-	-
Toxaphene		ug/L	-	-	-	2.0 U	-	-	2 U	-	-
Petroleum Products											

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:	***VRI-3***	***VRI-3***	***VRI-3***	***VRI-4***	***VRI-4***	***VRI-4***	***VRI-5***	***VRI-5***	***VRI-5***
	Sample ID:	***GW-18631-093009-RR-005***	***GW-18631-101211-BP-008***	***GW-18631-120511-004***	***GW-18631-RW-001***	***GW-18631-RW-01***	***GW-18631-093009-RR-007***	***GW-112701-BP-001***	***GW-18631-RW-23***	***GW-18631-100609-BP-022***
	Sample Date:	***9/30/2009***	***10/12/2011***	***12/5/2011***	***10/16/2001***	***4/2/2002***	***9/30/2009***	***11/29/2001***	***4/4/2002***	***10/6/2009***
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	520	-	-	-	-	100 UJ	-	-	100 U
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	-	-	470 U	480 U	-	1700	2000	-
General Chemistry										
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	10.0 U	-	-	10 U	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	10 U	-	-	10 U	-	-
Sulfide	ug/L	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-5*	*VRI-6*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-8*
Sample ID:		*GW-18631-120611-008*	*GW-18631-RW-022*	*GW-18631-100209-RR-019*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-100509-RR-021*	*GW-18631-101111-BP-006*	*GW-18631-120511-001*	*GW-18631-RW-018*
Sample Date:		*12/6/2011*	*10/18/2001*	*10/2/2009*	*10/18/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/5/2011*	*10/17/2001*
Parameters	***Units***									
Volatiles										
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.3	0.96 J	2.8	1.4	1.7	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	-
1,2,4-Trichlorobenzene	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
1,2,4-Trimethylbenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	-	1.0 U	-	-	1.0 UJ	1.0 U	1.0 U	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
1,2-Dichlorobenzene	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	-
1,3-Dichlorobenzene	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
1,3-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
2,2-Dichloropropane	ug/L	-	-	-	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L	5.0 U	10 UJ	5.0 U	10 UJ	10 UJ	5.0 U	5.0 U	5.0 U	10 UJ
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	1.0 U	1.0 U	0.36 J	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	1.0 U	1.0 UJ	1.0 U	2 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Carbon disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	2.1	1.4	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.2
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	2.2	5.0	1.0 U	1 U	1.0 U	1.0 U	1.0 U	2.8
Chloromethane (Methyl chloride)	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	2 UJ	1.0 U	1.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 UJ	1.0 U	-
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-5*	*VRI-6*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-8*
Sample ID:		*GW-18631-120611-008*	*GW-18631-RW-022*	*GW-18631-100209-RR-019*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-100509-RR-021*	*GW-18631-101111-BP-006*	*GW-18631-120511-001*	*GW-18631-RW-018*
Sample Date:		*12/6/2011*	*10/18/2001*	*10/2/2009*	*10/18/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/5/2011*	*10/17/2001*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-	-	-	-
Isopropyl benzene	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
Methyl cyclohexane	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 UJ	1.0 U	-
Methyl tert butyl ether (MTBE)	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
Methylene chloride	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	2.0 U
Naphthalene	ug/L	-	-	-	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
N-Propylbenzene	ug/L	1.0 U	-	-	-	-	-	1.0 U	1.0 U	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L	1.0 U	1.5	0.86 J	1.0 U	1 U	1.0 U	1.0 U	1.0 U	19
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
Trifluorotrichloroethane (Freon 113)	ug/L	1.0 U	-	1.0 U	-	-	1.0 U	1.0 U	1.0 U	-
Vinyl acetate	ug/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	2.0 U
Xylenes (total)	ug/L	3.0 U	3.0 U	3.0 U	3.0 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U
Semi-volatiles										
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	10 U	-	10 U	10 U	-	-	-	10 U
1,2-Dichlorobenzene	ug/L	-	10 U	-	10 U	10 U	-	-	-	10 U
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	10 U	-	10 U	10 U	-	-	-	10 U
1,4-Dichlorobenzene	ug/L	-	10 U	-	10 U	10 U	-	-	-	10 U
1-Chloronaphthalene	ug/L	-	-	-	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2,4,6-Trichlorophenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2,4-Dichlorophenol	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
2,4-Dimethylphenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2,4-Dinitrophenol	ug/L	-	50 U	59 U	50 U	50 UJ	49 U	-	-	50 U
2,4-Dinitrotoluene	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2-Chloronaphthalene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
2-Chlorophenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2-Methylnaphthalene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
2-Methylphenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2-Naphthylamine	ug/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	ug/L	-	50 U	59 U	50 U	50 U	49 U	-	-	50 U
2-Nitrophenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
2-Picoline	ug/L	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-5*	*VRI-6*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-8*
Sample ID:		*GW-18631-120611-008*	*GW-18631-RW-022*	*GW-18631-100209-RR-019*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-100509-RR-021*	*GW-18631-101111-BP-006*	*GW-18631-120511-001*	*GW-18631-RW-018*
Sample Date:		*12/6/2011*	*10/18/2001*	*10/2/2009*	*10/18/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/5/2011*	*10/17/2001*
3,3'-Dichlorobenzidine	ug/L	-	50 U	12 U	50 U	R	9.8 U	-	-	50 U
3-Methylcholanthrene	ug/L	-	-	-	-	-	-	-	-	-
3-Nitroaniline	ug/L	-	50 U	59 U	50 U	50 U	49 U	-	-	50 U
4,6-Dinitro-2-methylphenol	ug/L	-	50 U	59 U	50 U	50 UJ	49 U	-	-	50 U
4-Aminobiphenyl	ug/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
4-Chloro-3-methylphenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
4-Chloroaniline	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
4-Chlorophenyl phenyl ether	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
4-Nitroaniline	ug/L	-	50 U	59 U	50 U	50 U	49 U	-	-	50 U
4-Nitrophenol	ug/L	-	50 UJ	59 U	50 UJ	50 U	49 U	-	-	50 UJ
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Acenaphthylene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Acetophenone	ug/L	-	-	12 U	-	-	9.8 U	-	-	-
Aldrin	ug/L	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Atrazine	ug/L	-	-	12 U	-	-	9.8 U	-	-	-
Benzaldehyde	ug/L	-	-	12 U	-	-	9.8 U	-	-	-
Benzidine	ug/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Benzo(a)pyrene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Benzo(b)fluoranthene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Benzo(k)fluoranthene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Benzoic acid	ug/L	-	-	-	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	12 U	-	-	9.8 U	-	-	-
bis(2-Chloroethoxy)methane	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
bis(2-Chloroethyl)ether	ug/L	-	0.70 J	2.4 U	10 U	10 U	2.0 U	-	-	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Butyl benzylphthalate (BBP)	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Caprolactam	ug/L	-	-	59 U	-	-	49 U	-	-	-
Carbazole	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Chlordane	ug/L	-	-	-	-	-	-	-	-	-
Chrysene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Dibenz(a,h)anthracene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Diethyl phthalate	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Dimethyl phthalate	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Di-n-butylphthalate (DBP)	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Di-n-octyl phthalate (DnOP)	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Fluorene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Hexachlorobenzene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Hexachlorobutadiene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Hexachlorocyclopentadiene	ug/L	-	50 U	12 U	50 U	50 U	9.8 U	-	-	50 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-5*	*VRI-6*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-8*
Sample ID:		*GW-18631-120611-008*	*GW-18631-RW-022*	*GW-18631-100209-RR-019*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-100509-RR-021*	*GW-18631-101111-BP-006*	*GW-18631-120511-001*	*GW-18631-RW-018*
Sample Date:		*12/6/2011*	*10/18/2001*	*10/2/2009*	*10/18/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/5/2011*	*10/17/2001*
Hexachloroethane	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Indeno(1,2,3-cd)pyrene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Isophorone	ug/L	-	10 U	12 U	10 U	10 U	9.8 U	-	-	10 U
Methyl methanesulfonate	ug/L	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Nitrobenzene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
N-Nitrosodiphenylamine	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	ug/L	-	50 U	12 U	50 U	50 U	9.8 U	-	-	50 U
Phenacetin	ug/L	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Phenol	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Phthalic acid	ug/L	-	-	-	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	-	10 U	2.4 U	10 U	10 U	2.0 U	-	-	10 U
Pyridine	ug/L	-	-	-	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	ug/L	-	4500	-	151	350	-	-	-	26.9 U
Aluminum (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Antimony	ug/L	-	4.1 U	-	4.1 U	60 U	-	-	-	4.1 U
Antimony (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Arsenic	ug/L	-	3.9	-	2.0 U	10 U	-	-	-	2.0 U
Arsenic (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Barium	ug/L	-	64.6	-	82.5	196	-	-	-	41.9
Barium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Beryllium	ug/L	-	0.28 U	-	0.090 U	5 U	-	-	-	0.077 U
Beryllium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	-	0.63 U	-	0.63 U	5 U	-	-	-	0.63 U
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Calcium	ug/L	-	98600	-	159000	343000	-	-	-	90400
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Chromium	ug/L	-	9.2	-	1.6	10 U	-	-	-	2.1
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	2.7	-	2.6 U	50 U	-	-	-	2.6 U
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Copper	ug/L	-	14.0 U	-	3.9 U	2.2	-	-	-	3.0 U
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Iron	ug/L	-	**6640**	-	211	**555**	-	-	-	38.5 U
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Lead	ug/L	-	3.2	-	1.8 U	3 U	-	-	-	1.9
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	-	17500	-	19300	**45600**	-	-	-	13400
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Manganese	ug/L	-	285	-	11.2	23.2	-	-	-	1.2 U
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Mercury	ug/L	-	0.054 U	-	0.054 U	0.2 U	-	-	-	0.054 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-5*	*VRI-6*	*VRI-6*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-7*	*VRI-8*
Sample ID:		*GW-18631-120611-008*	*GW-18631-RW-022*	*GW-18631-100209-RR-019*	*GW-18631-RW-020*	*GW-18631-RW-20*	*GW-18631-100509-RR-021*	*GW-18631-101111-BP-006*	*GW-18631-120511-001*	*GW-18631-RW-018*
Sample Date:		*12/6/2011*	*10/18/2001*	*10/2/2009*	*10/18/2001*	*4/3/2002*	*10/5/2009*	*10/11/2011*	*12/5/2011*	*10/17/2001*
Nickel	ug/L	-	7.9 U	-	7.9 U	4.5	-	-	-	7.9 U
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Potassium	ug/L	-	5610 U	-	1570 U	1760	-	-	-	1250 U
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Selenium	ug/L	-	3.2 U	-	3.2 U	5 U	-	-	-	3.8
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Silver	ug/L	-	0.75 U	-	0.75 U	10 U	-	-	-	0.75 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Sodium	ug/L	-	77600	-	192000	291000	-	-	-	42400
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Thallium	ug/L	-	5.7 U	-	5.7 U	10 U	-	-	-	5.7 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	-	13.8 U	-	4.1 U	50 U	-	-	-	5.0 U
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
Zinc	ug/L	-	31.1	-	3.2 U	7.5	-	-	-	3.2 U
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1232 (PCB-1232)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	-	1.0 U	-	1.0 U	-	-	-	-	1.0 U
Total PCBs	ug/L	-	-	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
4,4'-DDE	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
4,4'-DDT	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Aldrin	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
alpha-BHC	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
alpha-Chlordane	ug/L	-	-	-	-	-	-	-	-	-
beta-BHC	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Chlordane	ug/L	-	0.50 U	-	0.50 U	-	-	-	-	0.50 U
delta-BHC	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Dieldrin	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endosulfan I	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endosulfan II	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endosulfan sulfate	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endrin	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endrin aldehyde	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Endrin ketone	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
gamma-BHC (lindane)	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
gamma-Chlordane	ug/L	-	-	-	-	-	-	-	-	-
Heptachlor	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Heptachlor epoxide	ug/L	-	0.050 U	-	0.050 U	-	-	-	-	0.050 U
Methoxychlor	ug/L	-	0.10 U	-	0.10 U	-	-	-	-	0.10 U
Toxaphene	ug/L	-	2.0 U	-	2.0 U	-	-	-	-	2.0 U
Petroleum Products										

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		***VRI-5***	***VRI-6***	***VRI-6***	***VRI-7***	***VRI-7***	***VRI-7***	***VRI-7***	***VRI-7***	***VRI-8***
Sample ID:		***GW-18631-120611-008***	***GW-18631-RW-022***	***GW-18631-100209-RR-019***	***GW-18631-RW-020***	***GW-18631-RW-20***	***GW-18631-100509-RR-021***	***GW-18631-101111-BP-006***	***GW-18631-120511-001***	***GW-18631-RW-018***
Sample Date:		***12/6/2011***	***10/18/2001***	***10/2/2009***	***10/18/2001***	***4/3/2002***	***10/5/2009***	***10/11/2011***	***12/5/2011***	***10/17/2001***
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	100 UJ	-	-	180 U	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	-	400 J	-	480 U	480 U	-	-	-	500 U
General Chemistry										
Conductivity	umhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (total)	ug/L	-	10.0 U	-	10.0 U	-	-	-	-	10.0 U
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Phenolics (total)	ug/L	-	11	-	10 U	-	-	-	-	10 U
Sulfide	ug/L	-	-	-	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
- Value exceeds criterion.

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-8*	*VRI-9*	*VRI-9*	*VRI-10*	*VRI-10*	*VRI-10*
Sample ID:		*GW-18631-RW-14*	*GW-18631-101211-BP-010*	*GW-18631-120711-013*	*GW-18631-101211-AW-012*	*WG-18631-111511-BP-001*	*GW-18631-120611-007*
Sample Date:		*4/3/2002*	*10/12/2011*	*12/7/2011*	*10/13/2011*	*11/15/2011*	*12/6/2011*
Parameters	***Units***						
Volatiles							
1,1,1,2-Tetrachloroethane	ug/L	-	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	ug/L	-	-	-	-	-	-
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-
1,2,3-Trichloropropane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	-	1.0 U	1.7	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	ug/L	-	-	-	-	-	-
1,2-Dichloropropane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	-	1.0 U	0.86	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	ug/L	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	ug/L	-	-	-	-	-	-
2/4-Chlorotoluene	ug/L	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	25 U	5.0 U	5.0 U	2.7 J	2.6	0.90
2-Chloroethyl vinyl ether	ug/L	-	-	-	-	-	-
2-Chlorotoluene	ug/L	-	-	-	-	-	-
2-Hexanone	ug/L	25 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	-	-	-	-	-	-
4-Chlorotoluene	ug/L	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L	50 UJ	5.0 U	5.0 U	9.0	11	5.1
Benzene	ug/L	**130**	1.0 U	1.0 U	0.16 J	0.15	1.0 U
Bromobenzene	ug/L	-	-	-	-	-	-
Bromodichloromethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	5 U	1.0 U	1.0 U	1.0 U	0.28	0.26
Carbon tetrachloride	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-
Chloroethane	ug/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	5 U	**8.3**	0.32	**20**	4.2	0.65
Chloromethane (Methyl chloride)	ug/L	10 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	ug/L	-	-	-	-	-	-
Dibromochloromethane	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	ug/L	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	**88**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-8*	*VRI-9*	*VRI-9*	*VRI-10*	*VRI-10*	*VRI-10*
Sample ID:		*GW-18631-RW-14*	*GW-18631-101211-BP-010*	*GW-18631-120711-013*	*GW-18631-101211-AW-012*	*WG-18631-111511-BP-001*	*GW-18631-120611-007*
Sample Date:		*4/3/2002*	*10/12/2011*	*12/7/2011*	*10/13/2011*	*11/15/2011*	*12/6/2011*
Hexachlorobutadiene	ug/L	-	-	-	-	-	-
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m&p-Xylenes	ug/L	-	-	-	-	-	-
Methyl acetate	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	10 U	1.0 U	1.0 U	1.0 U	0.86	0.22
Naphthalene	ug/L	-	-	-	-	-	-
N-Butylbenzene	ug/L	-	-	-	-	-	-
N-Propylbenzene	ug/L	-	1.0 U	1.0 U	0.33 J	1.0 U	1.0 U
o-Xylene	ug/L	-	-	-	-	-	-
Styrene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	ug/L	-	-	-	-	-	-
Tetrachlorobenzene	ug/L	-	-	-	-	-	-
Tetrachloroethene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	6.6	1.0 U	1.0 U	0.42 J	0.33	1.0 U
trans-1,2-Dichloroethene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorobenzene	ug/L	-	-	-	-	-	-
Trichloroethene	ug/L	2.1 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	-	-	-	-	-	-
Vinyl chloride	ug/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	360	3.0 U	0.59	3.0 U	3.0 U	3.0 U
Semi-volatiles							
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	20 U	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	20 U	-	-	-	-	-
1,2-Diphenylhydrazine	ug/L	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	20 U	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	20 U	-	-	-	-	-
1-Chloronaphthalene	ug/L	-	-	-	-	-	-
1-Naphthylamine	ug/L	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	20 U	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	20 U	-	-	-	-	-
2,4,6-Trichlorophenol	ug/L	20 U	-	-	-	-	-
2,4-Dichlorophenol	ug/L	20 U	-	-	-	-	-
2,4-Dimethylphenol	ug/L	20 U	-	-	-	-	-
2,4-Dinitrophenol	ug/L	100 UJ	-	-	-	-	-
2,4-Dinitrotoluene	ug/L	20 U	-	-	-	-	-
2,6-Dichlorophenol	ug/L	-	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	20 U	-	-	-	-	-
2-Chloronaphthalene	ug/L	20 U	-	-	-	-	-
2-Chlorophenol	ug/L	20 U	-	-	-	-	-
2-Methylnaphthalene	ug/L	88	-	-	-	-	-
2-Methylphenol	ug/L	20 U	-	-	-	-	-
2-Naphthylamine	ug/L	-	-	-	-	-	-
2-Nitroaniline	ug/L	100 U	-	-	-	-	-
2-Nitrophenol	ug/L	20 U	-	-	-	-	-
2-Picoline	ug/L	-	-	-	-	-	-
3&4-Methylphenol	ug/L	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-8*	*VRI-9*	*VRI-9*	*VRI-10*	*VRI-10*	*VRI-10*
Sample ID:		*GW-18631-RW-14*	*GW-18631-101211-BP-010*	*GW-18631-120711-013*	*GW-18631-101211-AW-012*	*WG-18631-111511-BP-001*	*GW-18631-120611-007*
Sample Date:		*4/3/2002*	*10/12/2011*	*12/7/2011*	*10/13/2011*	*11/15/2011*	*12/6/2011*
3,3'-Dichlorobenzidine	ug/L	R	-	-	-	-	-
3-Methylcholanthrene	ug/L	-	-	-	-	-	-
3-Nitroaniline	ug/L	100 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	ug/L	100 UJ	-	-	-	-	-
4-Aminobiphenyl	ug/L	-	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	20 U	-	-	-	-	-
4-Chloro-3-methylphenol	ug/L	20 U	-	-	-	-	-
4-Chloroaniline	ug/L	20 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	ug/L	20 U	-	-	-	-	-
4-Dimethylaminoazobenzene	ug/L	-	-	-	-	-	-
4-Methyl-2,6-dinitrophenol	ug/L	-	-	-	-	-	-
4-Methylphenol	ug/L	20 U	-	-	-	-	-
4-Nitroaniline	ug/L	100 U	-	-	-	-	-
4-Nitrophenol	ug/L	100 U	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	-	-	-	-	-	-
Acenaphthene	ug/L	20 U	-	-	-	-	-
Acenaphthylene	ug/L	20 U	-	-	-	-	-
Acetophenone	ug/L	-	-	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-
Anthracene	ug/L	20 U	-	-	-	-	-
Atrazine	ug/L	-	-	-	-	-	-
Benzaldehyde	ug/L	-	-	-	-	-	-
Benzidine	ug/L	-	-	-	-	-	-
Benzo(a)anthracene	ug/L	20 U	-	-	-	-	-
Benzo(a)pyrene	ug/L	20 U	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	20 U	-	-	-	-	-
Benzo(b)fluoranthene/Benzo(k)fluoranthene	ug/L	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	20 U	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	20 U	-	-	-	-	-
Benzoic acid	ug/L	-	-	-	-	-	-
Benzyl alcohol	ug/L	-	-	-	-	-	-
beta&gamma-BHC (sum of isomers)	ug/L	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	20 U	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	20 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	20 U	-	-	-	-	-
Butyl benzylphthalate (BBP)	ug/L	20 U	-	-	-	-	-
Caprolactam	ug/L	-	-	-	-	-	-
Carbazole	ug/L	20 U	-	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	-
Chrysene	ug/L	20 U	-	-	-	-	-
Dibenz(a,h)anthracene	ug/L	20 U	-	-	-	-	-
Dibenz(a,j)acridine	ug/L	-	-	-	-	-	-
Dibenzofuran	ug/L	20 U	-	-	-	-	-
Diethyl phthalate	ug/L	20 U	-	-	-	-	-
Dimethyl phthalate	ug/L	20 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	ug/L	20 U	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	ug/L	20 U	-	-	-	-	-
Ethyl methanesulfonate	ug/L	-	-	-	-	-	-
Fluoranthene	ug/L	20 U	-	-	-	-	-
Fluorene	ug/L	20 U	-	-	-	-	-
Hexachlorobenzene	ug/L	20 U	-	-	-	-	-
Hexachlorobutadiene	ug/L	20 U	-	-	-	-	-
Hexachlorocyclopentadiene	ug/L	100 U	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-8*	*VRI-9*	*VRI-9*	*VRI-10*	*VRI-10*	*VRI-10*
Sample ID:		*GW-18631-RW-14*	*GW-18631-101211-BP-010*	*GW-18631-120711-013*	*GW-18631-101211-AW-012*	*WG-18631-111511-BP-001*	*GW-18631-120611-007*
Sample Date:		*4/3/2002*	*10/12/2011*	*12/7/2011*	*10/13/2011*	*11/15/2011*	*12/6/2011*
Hexachloroethane	ug/L	20 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	ug/L	20 U	-	-	-	-	-
Isophorone	ug/L	20 U	-	-	-	-	-
Methyl methanesulfonate	ug/L	-	-	-	-	-	-
Naphthalene	ug/L	130	-	-	-	-	-
Nitrobenzene	ug/L	20 U	-	-	-	-	-
Nitrosodiphenylamine/Diphenylamine	ug/L	-	-	-	-	-	-
N-Nitrosodimethylamine	ug/L	-	-	-	-	-	-
N-Nitrosodi-n-butylamine	ug/L	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	20 U	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	20 U	-	-	-	-	-
N-Nitrosopiperidine	ug/L	-	-	-	-	-	-
Pentachlorophenol	ug/L	100 U	-	-	-	-	-
Phenacetin	ug/L	-	-	-	-	-	-
Phenanthrene	ug/L	20 U	-	-	-	-	-
Phenol	ug/L	20 U	-	-	-	-	-
Phthalic acid	ug/L	-	-	-	-	-	-
Pronamide	ug/L	-	-	-	-	-	-
Pyrene	ug/L	20 U	-	-	-	-	-
Pyridine	ug/L	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-
Metals							
Aluminum	ug/L	294	-	-	-	-	-
Aluminum (dissolved)	ug/L	-	-	-	-	-	-
Antimony	ug/L	60 U	-	-	-	-	-
Antimony (dissolved)	ug/L	-	-	-	-	-	-
Arsenic	ug/L	10 U	-	-	-	-	-
Arsenic (dissolved)	ug/L	-	-	-	-	-	-
Barium	ug/L	112	-	-	-	-	-
Barium (dissolved)	ug/L	-	-	-	-	-	-
Beryllium	ug/L	5 U	-	-	-	-	-
Beryllium (dissolved)	ug/L	-	-	-	-	-	-
Cadmium	ug/L	5 U	-	-	-	-	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-
Calcium	ug/L	156000	-	-	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-
Chromium	ug/L	10 U	-	-	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-
Cobalt	ug/L	4.5	-	-	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-
Copper	ug/L	1.6	-	-	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-
Iron	ug/L	388	-	-	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-
Lead	ug/L	3 U	-	-	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-
Magnesium	ug/L	20300	-	-	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-
Manganese	ug/L	5290	-	-	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-
Mercury	ug/L	0.2 U	-	-	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*VRI-8*	*VRI-9*	*VRI-9*	*VRI-10*	*VRI-10*	*VRI-10*
Sample ID:		*GW-18631-RW-14*	*GW-18631-101211-BP-010*	*GW-18631-120711-013*	*GW-18631-101211-AW-012*	*WG-18631-111511-BP-001*	*GW-18631-120611-007*
Sample Date:		*4/3/2002*	*10/12/2011*	*12/7/2011*	*10/13/2011*	*11/15/2011*	*12/6/2011*
Nickel	ug/L	6.7	-	-	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-
Potassium	ug/L	1340	-	-	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-
Selenium	ug/L	5 U	-	-	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-
Silver	ug/L	10 U	-	-	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-
Sodium	ug/L	203000	-	-	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-
Thallium	ug/L	10 U	-	-	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-
Vanadium	ug/L	50 U	-	-	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-
Zinc	ug/L	20 U	-	-	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-
Total PCBs	ug/L	-	-	-	-	-	-
Pesticides							
4,4'-DDD	ug/L	-	-	-	-	-	-
4,4'-DDE	ug/L	-	-	-	-	-	-
4,4'-DDT	ug/L	-	-	-	-	-	-
Aldrin	ug/L	-	-	-	-	-	-
alpha-BHC	ug/L	-	-	-	-	-	-
alpha-Chlordane	ug/L	-	-	-	-	-	-
beta-BHC	ug/L	-	-	-	-	-	-
Chlordane	ug/L	-	-	-	-	-	-
delta-BHC	ug/L	-	-	-	-	-	-
Dieldrin	ug/L	-	-	-	-	-	-
Endosulfan I	ug/L	-	-	-	-	-	-
Endosulfan II	ug/L	-	-	-	-	-	-
Endosulfan sulfate	ug/L	-	-	-	-	-	-
Endrin	ug/L	-	-	-	-	-	-
Endrin aldehyde	ug/L	-	-	-	-	-	-
Endrin ketone	ug/L	-	-	-	-	-	-
gamma-BHC (lindane)	ug/L	-	-	-	-	-	-
gamma-Chlordane	ug/L	-	-	-	-	-	-
Heptachlor	ug/L	-	-	-	-	-	-
Heptachlor epoxide	ug/L	-	-	-	-	-	-
Methoxychlor	ug/L	-	-	-	-	-	-
Toxaphene	ug/L	-	-	-	-	-	-
Petroleum Products							

TABLE 2.3

GROUNDWATER ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		***VRI-8***	***VRI-9***	***VRI-9***	***VRI-10***	***VRI-10***	***VRI-10***
Sample ID:		***GW-18631-RW-14***	***GW-18631-101211-BP-010***	***GW-18631-120711-013***	***GW-18631-101211-AW-012***	***WG-18631-111511-BP-001***	***GW-18631-120611-007***
Sample Date:		***4/3/2002***	***10/12/2011***	***12/7/2011***	***10/13/2011***	***11/15/2011***	***12/6/2011***
Total Petroleum Hydrocarbons - Extractable (DRO)	ug/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C28)	ug/L	23000	-	-	-	-	-
General Chemistry							
Conductivity	umhos/cm	-	-	-	-	-	-
Cyanide (total)	ug/L	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Phenolics (total)	ug/L	-	-	-	-	-	-
Sulfide	ug/L	-	-	-	-	-	-

Notes:

U - Non-detect at associated value.
J - Associated value is considered estimated.
a - Criterion is for total PCBs
 - Value exceeds criterion.

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SG-14-1*	*SG-14-2*	*SG-14-3*	*SG-31-1*	*SG-31-2*
Sample ID:		*SG-18631-081211-BP-001*	*SG-18631-081211-BP-002*	*SG-18631-081211-BP-003*	*SG-18631-081211-BP-004*	*SG-18631-081211-BP-005*
Sample Date:		*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m^3	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
1,1,2,2-Tetrachloroethane	µg/m^3	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-Trichloroethane	µg/m^3	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
1,1-Dichloroethane	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
1,1-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
1,2,4-Trichlorobenzene	µg/m^3	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
1,2,4-Trimethylbenzene	µg/m^3	6.1	14	4.0	3.9 U	3.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
1,2-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
1,2-Dichloroethane	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
1,2-Dichloropropane	µg/m^3	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m^3	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
1,3,5-Trimethylbenzene	µg/m^3	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
1,3-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dioxane	µg/m^3	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
2,2,4-Trimethylpentane	µg/m^3	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m^3	10	14	9.4 U	9.4 U	9.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m^3	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
Benzene	µg/m^3	2.7	2.6 U	2.6 U	2.6 U	2.6 U
Benzyl chloride	µg/m^3	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U
Bromodichloromethane	µg/m^3	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
Bromoform	µg/m^3	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U
Bromomethane (Methyl bromide)	µg/m^3	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
Carbon tetrachloride	µg/m^3	2.7	7.4	2.5 U	2.5 U	2.5 U
Chlorobenzene	µg/m^3	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
Chloroethane	µg/m^3	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Chloroform (Trichloromethane)	µg/m^3	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:	*SG-14-1*	*SG-14-2*	*SG-14-3*	*SG-31-1*	*SG-31-2*
	Sample ID:	*SG-18631-081211-BP-001*	*SG-18631-081211-BP-002*	*SG-18631-081211-BP-003*	*SG-18631-081211-BP-004*	*SG-18631-081211-BP-005*
	Sample Date:	*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*
Parameters	***Units***					
Chloromethane (Methyl chloride)	µg/m^3	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
cis-1,2-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
cis-1,3-Dichloropropene	µg/m^3	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Cyclohexane	µg/m^3	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
Dibromochloromethane	µg/m^3	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Dichlorodifluoromethane (CFC-12)	µg/m^3	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Ethanol	µg/m^3	56	37	24	15 U	26
Ethylbenzene	µg/m^3	6.2	13	3.7	6.2	4.7
Hexachlorobutadiene	µg/m^3	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
Hexane	µg/m^3	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
Isopropyl benzene	µg/m^3	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
m&p-Xylenes	µg/m^3	20	47	13	18	15
Methyl tert butyl ether (MTBE)	µg/m^3	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Methylene chloride	µg/m^3	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
Naphthalene	µg/m^3	10 U	10 U	10 U	10 U	10 U
N-Propylbenzene	µg/m^3	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
o-Xylene	µg/m^3	6.2	16	4.2	4.6	4.0
Styrene	µg/m^3	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
tert-Butyl alcohol	µg/m^3	17	17	13	9.7 U	9.7 U
Tetrachloroethene	µg/m^3	5.4 U	17	5.4 U	5.4 U	5.7
Toluene	µg/m^3	18	29	18	22	18
trans-1,2-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
trans-1,3-Dichloropropene	µg/m^3	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Trichloroethene	µg/m^3	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Trichlorofluoromethane (CFC-11)	µg/m^3	5.1	4.5 U	4.5 U	4.7	6.9
Trifluorotrichloroethane (Freon 113)	µg/m^3	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
Vinyl chloride	µg/m^3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:	***SG-14-1***	***SG-14-2***	***SG-14-3***	***SG-31-1***	***SG-31-2***
Sample ID:	***SG-18631-081211-BP-001***	***SG-18631-081211-BP-002***	***SG-18631-081211-BP-003***	***SG-18631-081211-BP-004***	***SG-18631-081211-BP-005***
Sample Date:	***8/12/2011***	***8/12/2011***	***8/12/2011***	***8/12/2011***	***8/12/2011***
Parameters	***Units***				

µg/m3 - Micrograms per Cubic Meter.
U - Concentration is Non-Detect at Associated Value.

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		*SG-33-1*	*SG-33-2*	*SG-33-2*	*SG-33-3*
Sample ID:		*SG-18631-081211-BP-006*	*SG-18631-081211-BP-007*	*SG-18631-081211-BP-009*	*SG-18631-081211-BP-008*
Sample Date:		*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*
				Duplicate	
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/m^3	4.4 U	4.4 U	4.4 U	4.4 U
1,1,2,2-Tetrachloroethane	µg/m^3	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-Trichloroethane	µg/m^3	4.4 U	4.4 U	4.4 U	4.4 U
1,1-Dichloroethane	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U
1,1-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U
1,2,4-Trichlorobenzene	µg/m^3	5.9 U	5.9 U	5.9 U	5.9 U
1,2,4-Trimethylbenzene	µg/m^3	6.3	7.0	6.1	3.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	6.1 U	6.1 U	6.1 U	6.1 U
1,2-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U
1,2-Dichloroethane	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U
1,2-Dichloropropane	µg/m^3	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m^3	5.6 U	5.6 U	5.6 U	5.6 U
1,3,5-Trimethylbenzene	µg/m^3	3.9 U	3.9 U	3.9 U	3.9 U
1,3-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dichlorobenzene	µg/m^3	4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dioxane	µg/m^3	7.2 U	7.2 U	7.2 U	7.2 U
2,2,4-Trimethylpentane	µg/m^3	9.3 U	9.3 U	9.3 U	9.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m^3	9.4 U	9.4 U	9.4 U	9.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m^3	8.2 U	8.2 U	8.2 U	8.2 U
Benzene	µg/m^3	2.6 U	2.6 U	2.6 U	2.6 U
Benzyl chloride	µg/m^3	8.3 U	8.3 U	8.3 U	8.3 U
Bromodichloromethane	µg/m^3	5.4 U	5.4 U	5.4 U	5.4 U
Bromoform	µg/m^3	8.3 U	8.3 U	8.3 U	8.3 U
Bromomethane (Methyl bromide)	µg/m^3	3.1 U	3.1 U	3.1 U	3.1 U
Carbon tetrachloride	µg/m^3	2.5 U	2.5 U	2.5 U	2.5 U
Chlorobenzene	µg/m^3	3.7 U	3.7 U	3.7 U	3.7 U
Chloroethane	µg/m^3	2.1 U	2.1 U	2.1 U	2.1 U
Chloroform (Trichloromethane)	µg/m^3	13	3.9 U	3.9 U	3.9 U

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

	Sample Location:	*SG-33-1*	*SG-33-2*	*SG-33-2*	*SG-33-3*
	Sample ID:	*SG-18631-081211-BP-006*	*SG-18631-081211-BP-007*	*SG-18631-081211-BP-009*	*SG-18631-081211-BP-008*
	Sample Date:	*8/12/2011*	*8/12/2011*	*8/12/2011*	*8/12/2011*
				Duplicate	
Parameters	***Units***				
Chloromethane (Methyl chloride)	µg/m^3	4.1 U	4.1 U	4.1 U	4.1 U
cis-1,2-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U
cis-1,3-Dichloropropene	µg/m^3	3.6 U	3.6 U	3.6 U	3.6 U
Cyclohexane	µg/m^3	6.9 U	6.9 U	6.9 U	6.9 U
Dibromochloromethane	µg/m^3	6.8 U	6.8 U	6.8 U	6.8 U
Dichlorodifluoromethane (CFC-12)	µg/m^3	3500	2700	2200	3700
Ethanol	µg/m^3	48	15 U	15 U	15 U
Ethylbenzene	µg/m^3	7.0	9.5	8.4	5.1
Hexachlorobutadiene	µg/m^3	8.5 U	8.5 U	8.5 U	8.5 U
Hexane	µg/m^3	7.0 U	7.0 U	7.0 U	7.0 U
Isopropyl benzene	µg/m^3	7.9 U	7.9 U	7.9 U	7.9 U
m&p-Xylenes	µg/m^3	24	36	31	17
Methyl tert butyl ether (MTBE)	µg/m^3	5.8 U	5.8 U	5.8 U	5.8 U
Methylene chloride	µg/m^3	6.9 U	6.9 U	6.9 U	6.9 U
Naphthalene	µg/m^3	10 U	10 U	10 U	10 U
N-Propylbenzene	µg/m^3	7.9 U	7.9 U	7.9 U	7.9 U
o-Xylene	µg/m^3	7.4	9.5	8.2	4.5
Styrene	µg/m^3	3.4 U	3.4 U	3.4 U	3.4 U
tert-Butyl alcohol	µg/m^3	17	11	9.7 U	9.7 U
Tetrachloroethene	µg/m^3	5.4 U	5.4 U	5.4 U	5.4 U
Toluene	µg/m^3	15	20	19	16
trans-1,2-Dichloroethene	µg/m^3	3.2 U	3.2 U	3.2 U	3.2 U
trans-1,3-Dichloropropene	µg/m^3	3.6 U	3.6 U	3.6 U	3.6 U
Trichloroethene	µg/m^3	2.1 U	2.1 U	2.1 U	2.1 U
Trichlorofluoromethane (CFC-11)	µg/m^3	8.6	5.4	4.8	6.2
Trifluorotrichloroethane (Freon 113)	µg/m^3	6.1 U	6.1 U	6.1 U	6.1 U
Vinyl chloride	µg/m^3	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

TABLE 2.4

SOIL GAS ANALYTICAL RESULTS
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Sample Location:		***SG-33-1***	***SG-33-2***	***SG-33-2***	***SG-33-3***
Sample ID:		***SG-18631-081211-BP-006***	***SG-18631-081211-BP-007***	***SG-18631-081211-BP-009***	***SG-18631-081211-BP-008***
Sample Date:		***8/12/2011***	***8/12/2011***	***8/12/2011***	***8/12/2011***
				Duplicate	
Parameters	***Units***				

µg/m3 - Micrograms per Cubic Meter.
U - Concentration is Non-Detect at Associated Value.

TABLE 6.1

ALTERNATIVE 2 - MONITORED NATURAL ATTENUATION COST ESTIMATE
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Description	*Units*	*Unit Price*	*Quantity*	*Total*
CAPITAL AND CONSTRUCTION COSTS	No capital or construction costs			$ -
SUBTOTAL				$ -
O&M (natural attenuation groundwater monitoring)				
Equipment and Disbursements	LS	$ 3,200	1	$ 3,200
Labor:				
Project Manager	Hr	$ 184	5	$ 920
Project Engineer	Hr	$ 110	20	$ 2,200
Field Personel	Hr	$ 98	60	$ 5,880
Chemist	Hr	$ 136	20	$ 2,720
Environmental Scientist (disposal)	Hr	$ 121	2	$ 242
Drafting	Hr	$ 88	2.5	$ 220
Word Processing	Hr	$ 57	2.5	$ 143
Disposal of drummed water	Drum	$ 520	2	$ 1,040
Analytical - VOCs + Site-specific compounds + Natural Attenuation Parameters	VOCs (1)	$ 68.25	12	$ 819
	PAHs	$ 94.50	12	$ 1,134
	Nitrate	$ 11.55	12	$ 139
	Iron II	$ 15.75	12	$ 189
	Sulfate	$ 11.55	12	$ 139
	Alkalinity	$ 10.50	12	$ 126
	Methane	$ 84.00	12	$ 1,008
ANNUAL O&M COST (2)				**$ 20,120**
5-Year Evaluation	LS	$ 8,000	1	**$ 8,000**
Present Worth for 30-Year Period including 20% Contingency (3)				**$ 481,500**

Notes:

(1) Rounded to nearest 10.
(2) Includes Site-specific Parameters
(3) Present Worth value is rounded to nearest 100.

TABLE 6.2

ALTERNATIVE 3 - IN SITU CHEMICAL OXIDATION COST ESTIMATE
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Description	*Units*	*Unit Price*	*Quantity*	*Total*
CAPITAL AND CONSTRUCTION COSTS				
Work Plan	Hr	$ 125	60	$ 7,500
Drilling and Well Installation	Well	$ 6,500	6	$ 39,000
Waste Disposal	LS	$ 2,500	1	$ 2,500
Drilling Oversight	Hr	$ 150	100	$ 15,000
Sampling	Hr	$ 105	80	$ 8,400
Treatability Study	LS	$ 8,000	1	$ 8,000
SUBTOTAL				$ 80,400
Engineering	Percent	20%		$ 16,080
Bonds and Insurance	Percent	3%		$ 2,412
Mob/Demob	Percent	2%		$ 1,608
Permits	Percent	12%		$ 9,648
Health and Safety	Percent	3%		$ 2,412
Construction Facilities and Temporary Controls	Percent	5%		$ 4,020
SUBTOTAL				$ 36,180
TOTAL CONSTRUCTION COST				**$ 116,580**
O&M - ISCO Operations				
Equipment	LS	$ 3,750	1	$ 3,750
Oxidant	LS	$ 21,800	1	$ 21,800
Activator	LS	$ 15,060	1	$ 15,060
Labor	Hr	$ 105	120	$ 12,600
Analytical	Sample	$ 175	10	$ 1,750
Reporting	LS	$ 3,125	1	$ 3,125
ISCO O&M COST FOR 1 YEAR (1)				**$ 58,090**

TABLE 6.2

ALTERNATIVE 3 - IN SITU CHEMICAL OXIDATION COST ESTIMATE
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Description	*Units*	*Unit Price*	*Quantity*	*Total*
Injection Well Abandonment				
Abandoment of Injection Wells	LS	$ 5,800	1	$ 5,800
Abandoment Oversight	Hr	$ 98	20	$ 1,960
Field Disbursements	LS	$ 500	1	$ 500
Waste Disposal	LS	$ 1,500	1	$ 1,500
END OF YEAR 4				**$ 9,760**
O&M - Groundwater Monitoring for Treatment Effectiveness (4 Years)				
Equipment and Disbursements	LS	$ 3,200	1	$ 3,200
Labor:				
Project Manager	Hr	$ 184	5	$ 920
Project Engineer	Hr	$ 110	20	$ 2,200
Field Personel	Hr	$ 98	60	$ 5,880
Chemist	Hr	$ 136	20	$ 2,720
Environmental Scientist (disposal)	Hr	$ 121	2	$ 242
Drafting	Hr	$ 88	2.5	$ 220
Word Processing	Hr	$ 57	2.5	$ 143
Disposal of drummed water	Drum	$ 520	2	$ 1,040
Analytical - VOCs + Site-specific compounds	Sample	$ 68.25	12	$ 819
ANNUAL GROUNDWATER MONITORING O&M COST FOR 4 YEARS (1)				**$ 17,380**
Present Worth for 4-Year Period including 20% Contingency (2)				**$ 297,500**

Notes:

(1) Rounded to nearest 10.
(2) Present Worth value is rounded to nearest 100.

TABLE 6.3

ALTERNATIVE 4 - IN SITU ENHANCED BIODEGRADATION COST ESTIMATE
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Description	*Units*	*Unit Price*	*Quantity*	*Total*
CAPITAL AND CONSTRUCTION COSTS				
Work Plan	Hrs	$ 125	60	$ 7,500
Treatability Study	LS	$ 9,000	1	$ 9,000
Drilling and Well Installation	LS	$ 6,500	6	$ 39,000
iSOC Well Vault Installation	Well	$ 250	6	$ 1,500
iSOC Units	Unit	$ 6,250	3	$ 18,750
Waste Disposal	LS	$ 5,000	1	$ 5,000
Tanks, Pipes, etc.	LS	$ 2,000	1	$ 2,000
SUBTOTAL				$ 82,750
Engineering	Percent	20%		$ 16,550
Bonds and Insurance	Percent	3%		$ 2,483
Mob/Demob	Percent	2%		$ 1,655
Permits	Percent	12%		$ 9,930
Health and Safety	Percent	3%		$ 2,483
Construction Facilities and Temporary Controls	Percent	5%		$ 4,138
SUBTOTAL				$ 37,238
TOTAL CONSTRUCTION COST (1)				**$ 119,990**
O&M - ISEB				
Oxygen	LS	$ 2,500	1	$ 2,500
Nutrients	LS	$ 375	1	$ 375
Equipment Rental	LS	$ 2,000	1	$ 2,000
Labor	Hrs	$ 105	120	$ 12,600
Analytical	Sample	$ 325	8	$ 2,600
Reporting	LS	$ 2,000	1	$ 2,000
ANNUAL ISEB O&M COST FOR 5 YEARS (1)				**$ 22,080**
Injection Well Abandonment				
Abandoment of Injection Wells	LS	$ 5,800	1	$ 5,800
Abandoment Oversight	Hr	$ 98	20	$ 1,960
Field Disbursements	LS	$ 500	1	$ 500
Waste Disposal	LS	$ 1,500	1	$ 1,500
END OF YEAR 10				**$ 9,760**

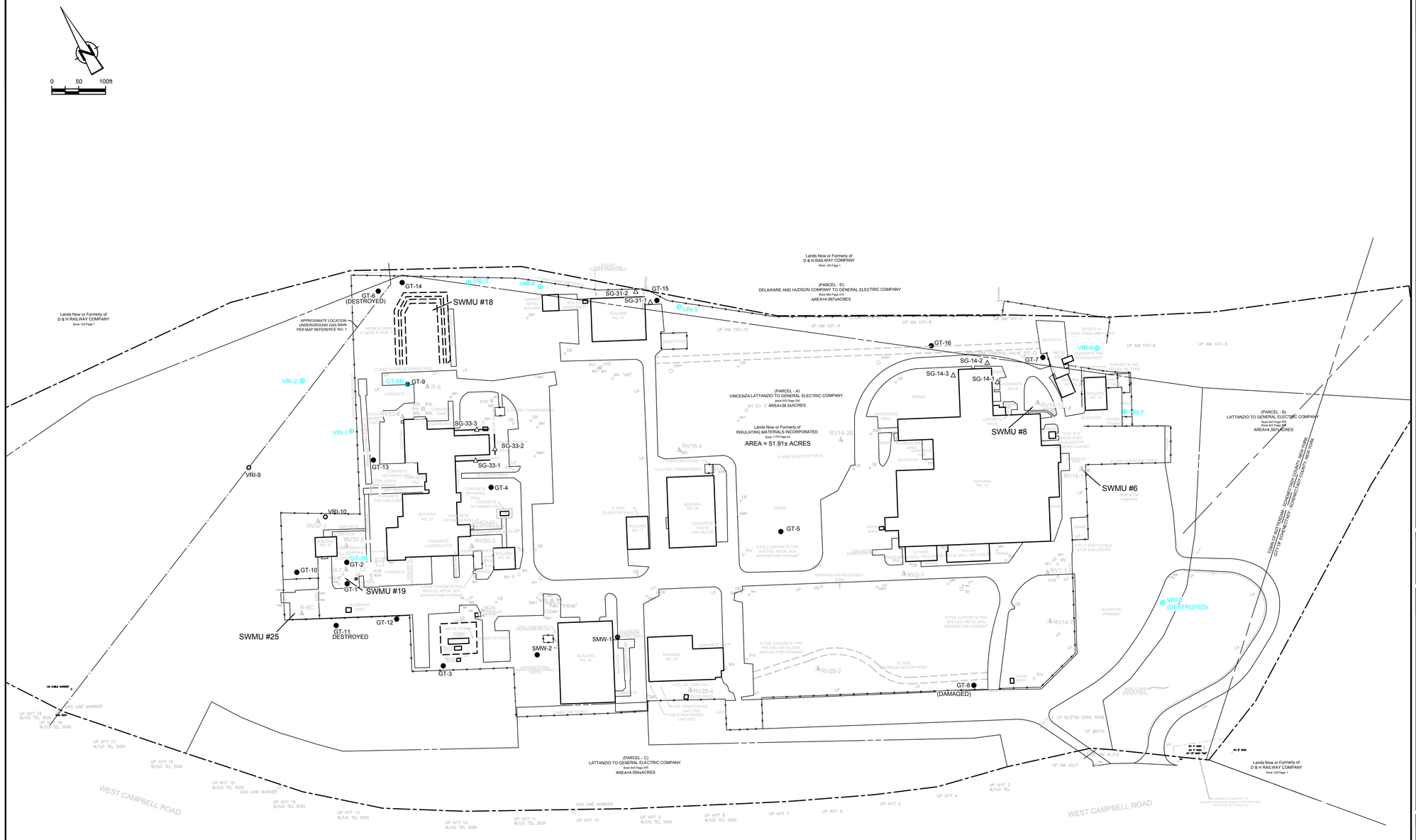
TABLE 6.3

ALTERNATIVE 4 - IN SITU ENHANCED BIODEGRADATION COST ESTIMATE
FOCUSED FEASIBILITY STUDY
VON ROLL ISOLA USA, INC. FACILITY
SCHENECTADY, NEW YORK

Description	*Units*		*Unit Price*	*Quantity*		*Total*
O&M - Groundwater Monitoring for Effectiveness after Treatment (10 Years)						
Equipment and Disbursements	LS	$	3,200	1	$	3,200
Labor:						
Project Manager	Hr	$	184	5	$	920
Project Engineer	Hr	$	110	20	$	2,200
Field Personel	Hr	$	98	60	$	5,880
Chemist	Hr	$	136	20	$	2,720
Environmental Scientist (disposal)	Hr	$	121	2	$	242
Drafting	Hr	$	88	2.5	$	220
Word Processing	Hr	$	57	2.5	$	143
Disposal of drummed water	Drum	$	520	2	$	1,040
Analytical - VOCs + Site-specific compounds + Natural Attenuation Parameters	VOCs *	$	68.25	12	$	819
	PAHs	$	94.50	12	$	1,134
	Nitrate	$	11.55	12	$	139
	Iron II	$	15.75	12	$	189
	Sulfate	$	11.55	12	$	139
	Alkalinity	$	10.50	12	$	126
	Methane	$	84.00	12	$	1,008
ANNUAL GROUNDWATER MONITORING O&M COST FOR 10 YEARS (1)					**$**	**20,120**
Present Worth for 10-Year Period including 20% Contingency (1)					**$**	**480,000**

Note(s)

(1) Rounded to nearest 10.
(2) Present Worth value is rounded to nearest 100.



NO	Revision	Date	Initial

LEGEND

- GT-12 EXISTING GROUND WATER MONITORING WELL
- RV14-1 ABANDONED SOIL VAPOR EXTRACTION WELL
- VR1-1 2001 GROUNDWATER MONITORING WELL
- VRI-9 2011 GROUNDWATER MONITORING WELL
- SG-33-1 2011 SOIL GAS PROBE
- SMH MANHOLE
- CB CATCH BASIN
- PROPERTY BOUNDARY LINE
- CHAIN LINK FENCE

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

VRI-RIVERVIEW FACILITY
Schenectady, New York

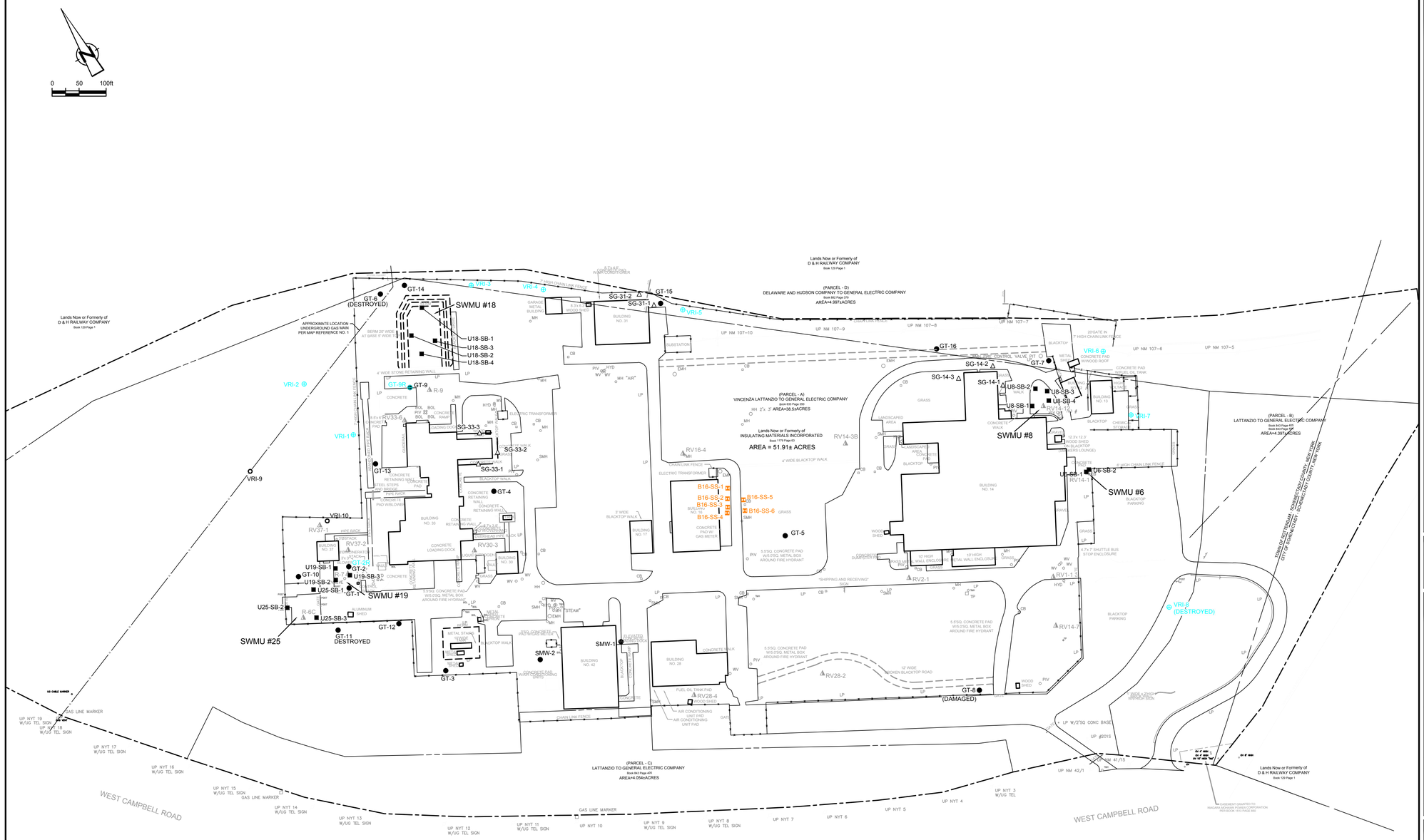
SITE MAP

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
J.K.P.		FEBRUARY 2012	
Scale: 1"=100'	Project No.: 18631-50	Report No.: 011	Drawing No.: PLAN 1

18631-50(011)GN-WA002 MAR 06/2012



NO	Revision	Date	Initial

LEGEND

- GT-12 EXISTING GROUND WATER MONITORING WELL
- RV14-1 ABANDONED SOIL VAPOR EXTRACTION WELL
- U8-SB-1 SOIL BORING LOCATION
- VR1-1 2001 GROUNDWATER MONITORING WELL
- B16-SS-1 SURFACE SOIL SAMPLE LOCATION
- VRI-9 2011 GROUNDWATER MONITORING WELL
- SG-33-1 2011 SOIL GAS PROBE
- SMH MANHOLE
- CB CATCH BASIN
- PROPERTY BOUNDARY LINE
- CHAIN LINK FENCE

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

VRI-RIVERVIEW FACILITY
Schenectady, New York

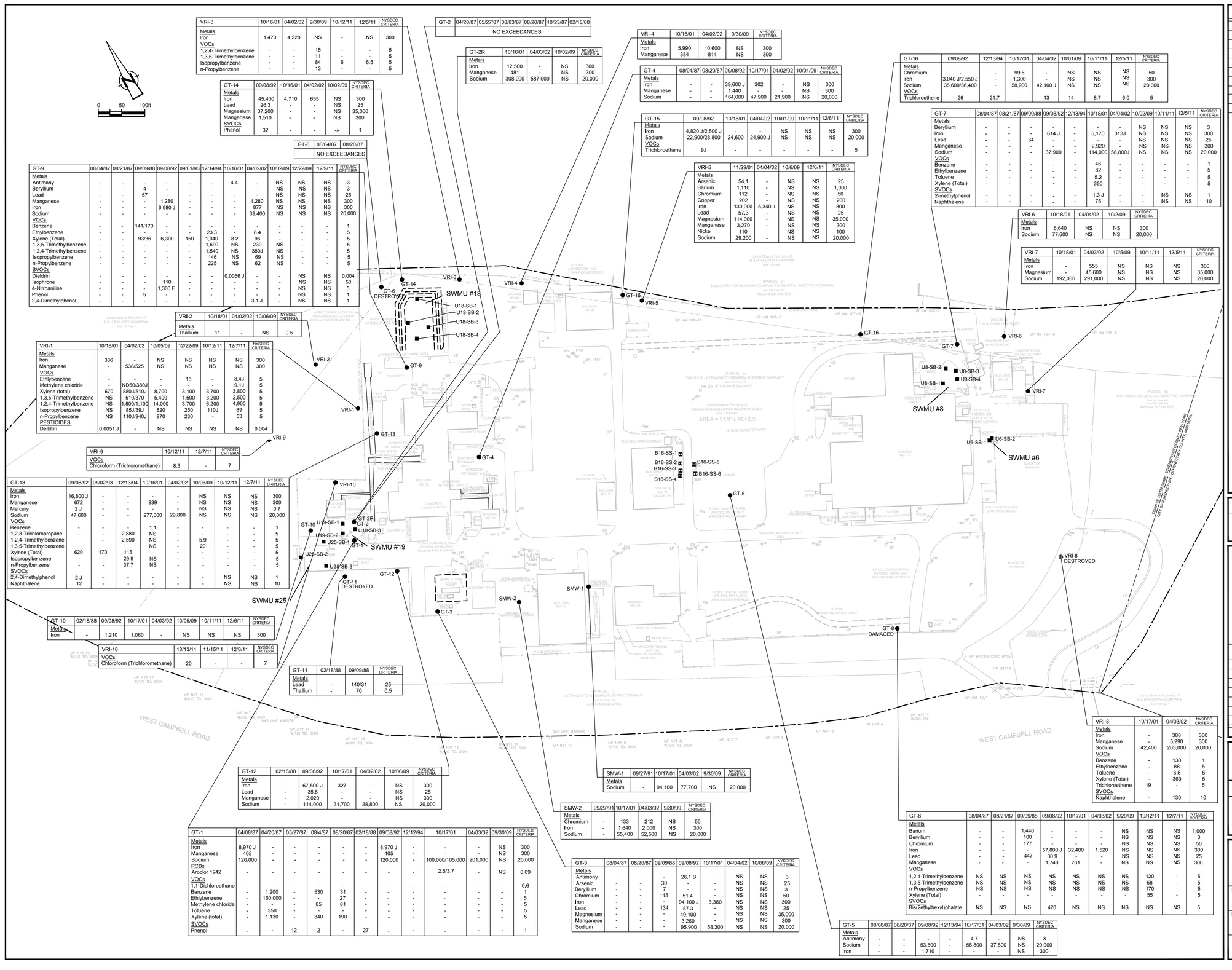
2001 BOREHOLE AND SURFACE SOIL SAMPLING LOCATIONS

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
J.K.P.		FEBRUARY 2012	
Scale: 1"=100'	Project No.: 18631-50	Report No.: 011	Drawing No.: PLAN 2

18631-50(011)GN-WA008 MAR 06/2012



VRI-3	10/16/01	04/02/02	9/30/09	10/12/11	12/5/11	NYSDEC CRITERIA
Metals						
Iron	1,470	4,220	NS	-	NS	300
VOCs						
1,2,4-Trimethylbenzene	-	-	15	-	-	5
1,3,5-Trimethylbenzene	-	-	11	-	-	5
Isopropylbenzene	-	-	84	6	6.5	5
n-Propylbenzene	-	-	13	-	-	5

GT-14	09/08/92	10/16/01	04/02/02	10/02/09	NYSDEC CRITERIA
Metals					
Iron	45,400	4,710	655	NS	300
Lead	26.3	-	-	NS	25
Magnesium	37,200	-	-	NS	35,000
Manganese	1,510	-	-	NS	300
SVOCs					
Phenol	32	-	-	-/-	1

GT-6	08/04/87	08/20/87
	NO EXCEEDANCES	

GT-9	08/04/87	08/21/87	09/09/88	09/08/92	09/01/93	12/14/94	10/16/01	04/02/02	10/02/09	12/22/09	12/9/11	NYSDEC CRITERIA
Metals												
Antimony	-	-	-	-	-	-	4.4	-	NS	NS	NS	3
Beryllium	-	-	4	-	-	-	-	-	NS	NS	NS	3
Lead	-	-	57	-	-	-	-	-	NS	NS	NS	25
Manganese	-	-	-	1,280	-	-	-	1,280	NS	NS	NS	300
Iron	-	-	-	6,980 J	-	-	-	877	NS	NS	NS	300
Sodium	-	-	-	-	-	-	-	39,400	NS	NS	NS	20,000
VOCs												
Benzene	-	-	141/170	-	-	-	-	-	-	-	-	1
Ethylbenzene	-	-	-	-	-	23.3	-	8.4	-	-	-	5
Xylene (Total)	-	-	93/36	6,300	150	1,040	8.2	96	-	-	-	5
1,3,5-Trimethylbenzene	-	-	-	-	-	1,690	NS	230	NS	-	-	5
1,2,4-Trimethylbenzene	-	-	-	-	-	1,540	NS	380J	NS	-	-	5
Isopropylbenzene	-	-	-	-	-	146	NS	69	NS	-	-	5
n-Propylbenzene	-	-	-	-	-	225	NS	62	NS	-	-	5
SVOCs												
Dieldrin	-	-	-	-	-	-	0.0056 J	-	-	NS	NS	0.004
Isophrone	-	-	-	110	-	-	-	-	-	NS	NS	50
4-Nitroaniline	-	-	-	1,300 E	-	-	-	-	-	NS	NS	5
Phenol	-	-	5	-	-	-	-	-	-	NS	NS	1
2,4-Dimethylphenol	-	-	-	-	-	-	3.1 J	-	-	NS	NS	1

VRI-2	10/18/01	04/02/02	10/06/09	NYSDEC CRITERIA
Metals				
Thallium	11	-	NS	0.5

VRI-1	10/18/01	04/02/02	10/05/09	12/22/09	10/12/11	12/7/11	NYSDEC CRITERIA
Metals							
Iron	336	-	NS	NS	NS	NS	300
Manganese	-	538/525	NS	NS	NS	NS	300
VOCs							
Ethlybenzene	-	-	-	18	-	8.4J	5
Methylene chloride	-	ND50/380J	-	-	-	9.1J	5
Xylene (total)	670	880J/510J	8,700	3,100	3,700	3,800	5
1,3,5-Trimethylbenzene	NS	510/370	5,400	1,500	3,200	2,500	5
1,2,4-Trimethylbenzene	NS	1,500/1,100	14,000	3,700	6,200	4,900	5
Isopropylbenzene	NS	85J/39J	820	250	110J	89	5
n-Propylbenzene	NS	110J/940J	870	230	-	53	5
PESTICIDES							
Deildrin	0.0051 J	-	NS	NS	NS	NS	0.004

VRI-9	10/12/11	12/7/11	NYSDEC CRITERIA
VOCs			
Chloroform (Trichloromethane)	8.3	-	7

GT-13	09/08/92	09/02/93	12/13/94	10/16/01	04/02/02	10/06/09	10/12/11	12/7/11	NYSDEC CRITERIA
Metals									
Iron	16,800 J	-	-	-	-	NS	NS	NS	300
Manganese	672	-	-	839	-	NS	NS	NS	300
Mercury	2 J	-	-	-	-	NS	NS	NS	0.7
Sodium	47,600	-	-	277,000	29,800	NS	NS	NS	20,000
VOCs									
Benzene	-	-	-	1.1	-	-	-	-	1
1,2,3-Trichloropropane	-	-	2,880	NS	-	-	-	-	5
1,2,4-Trimethylbenzene		-	2,590	NS	-	5.9	-	-	5
1,3,5-Trimethylbenzene				NS	-	20	-	-	5
Xylene (Total)	620	170	115	-	-	-	-	-	5
Isopropylbenzene	-	-	29.9	NS	-	-	-	-	5
n-Propylbenzene	-	-	37.7	NS	-	-	-	-	5
SVOCs									
2,4-Dimethylphenol	2 J	-	-	-	-	-	NS	NS	1
Naphthalene	12	-	-	-	-	-	NS	NS	10

GT-10	02/18/88	09/08/92	10/17/01	04/03/02	10/05/09	10/11/11	12/6/11	NYSDEC CRITERIA
Metals								
Iron	-	1,210	1,060	-	NS	NS	NS	300

VRI-10	10/13/11	11/15/11	12/6/11	NYSDEC CRITERIA
VOCs				
Chloroform (Trichloromethane)	20	-	-	7

GT-11	02/18/88	09/09/88	NYSDEC CRITERIA
Metals			
Lead	-	140/31	25
Thallium	-	70	0.5

GT-12	02/18/88	09/08/92	10/17/01	04/02/02	10/06/09	NYSDEC CRITERIA
Metals						
Iron	-	67,500 J	327	-	NS	300
Lead	-	35.8	-	-	NS	25
Manganese	-	2,020	-	-	NS	300
Sodium	-	114,000	31,700	28,800	NS	20,000

GT-1	04/08/87	04/20/87	05/27/87	08/4/87	08/20/87	02/18/88	09/08/92	12/12/94	10/17/01	04/03/02	09/30/09	NYSDEC CRITERIA
Metals												
Iron	8,970 J	-	-	-	-	-	8,970 J	-	-	-	NS	300
Manganese	405	-	-	-	-	-	405	-	-	-	NS	300
Sodium	120,000	-	-	-	-	-	120,000	-	100,000/105,000	201,000	NS	20,000
PCBs												
Aroclor 1242	-	-	-	-	-	-	-	-	2.5/3.7	-	NS	0.09
VOCs												
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	0.6
Benzene	-	1,200	-	530	31	-	-	-	-	-	-	1
Ethlybenzene	-	160,000	-	-	27	-	-	-	-	-	-	5
Methylene chloride	-	-	-	85	81	-	-	-	-	-	-	5
Toluene	-	350	-	-	-	-	-	-	-	-	-	5
Xylene (total)	-	1,130	-	340	190	-	-	-	-	-	-	5
SVOCs												
Phenol	-	-	12	2	-	27	-	-	-	-	-	1

GT-2	04/20/87	05/27/87	08/03/87	08/20/87	10/23/87	02/18/88
	NO EXCEEDANCES					

GT-2R	10/16/01	04/03/02	10/02/09	NYSDEC CRITERIA
Metals				
Iron	12,500	-	NS	300
Manganese	481	-	NS	300
Sodium	308,000	587,000	NS	20,000

VRI-4	10/16/01	04/02/02	9/30/09	NYSDEC CRITERIA
Metals				
Iron	5,990	10,600	NS	300
Manganese	384	814	NS	300

GT-4	08/04/87	08/20/87	09/08/92	10/17/01	04/02/02	10/01/09	NYSDEC CRITERIA
Metals							
Iron	-	-	39,600 J	302	-	NS	300
Manganese	-	-	1,440	-	-	NS	300
Sodium	-	-	164,000	47,900	21,900	NS	20,000

GT-15	09/08/92	10/18/01	04/04/02	10/01/09	10/11/11	12/6/11	NYSDEC CRITERIA
Metals							
Iron	4,820 J/2,500 J	-	-	NS	NS	NS	300
Sodium	22,900/28,800	24,600	24,900 J	NS	NS	NS	20,000
VOCs							
Trichloroethene	9J	-	-	-	-	-	5

VRI-5	11/29/01	04/04/02	10/6/09	12/6/11	NYSDEC CRITERIA
Metals					
Arsenic	54,1	-	NS	NS	25
Barium	1,110	-	NS	NS	1,000
Chromium	112	-	NS	NS	50
Copper	202	-	NS	NS	200
Iron	130,000	5,340 J	NS	NS	300
Lead	57,3	-	NS	NS	25
Magnesium	114,000	-	NS	NS	35,000
Manganese	3,270	-	NS	NS	300
Nickel	110	-	NS	NS	100
Sodium	29,200	-	NS	NS	20,000

GT-16	09/08/92	12/13/94	10/17/01	04/04/02	10/01/09	10/11/11	12/5/11	NYSDEC CRITERIA
Metals								
Chromium	-	-	99.6	-	NS	NS	NS	50
Iron	3,040 J/2,550 J	-	1,300	-	NS	NS	NS	300
Sodium	35,600/36,400	-	58,900	42,100 J	NS	NS	NS	20,000
VOCs								
Trichloroethene	26	21.7	-	13	14	8.7	6.0	5

GT-7	08/04/87	08/21/87	09/09/88	09/08/92	12/13/94	10/18/01	04/04/02	10/02/09	10/11/11	12/5/11	NYSDEC CRITERIA
Metals											
Beryllium	-	-	-	-	-	-	-	NS	NS	NS	3
Iron	-	-	-	614 J	-	5,170	313J	NS	NS	NS	300
Lead	-	-	34	-	-	-	-	NS	NS	NS	25
Manganese	-	-	-	-	-	2,920	-	NS	NS	NS	300
Sodium	-	-	-	37,900	-	114,000	58,800J	NS	NS	NS	20,000
VOCs											
Benzene	-	-	-	-	-	46	-	-	-	-	1
Ethylbenzene	-	-	-	-	-	82	-	-	-	-	5
Toluene	-	-	-	-	-	5,2	-	-	-	-	5
Xylene (Total)	-	-	-	-	-	350	-	-	-	-	5
SVOCs											
2-methylphenol	-	-	-	-	-	1,3 J	-	-	NS	NS	1
Naphthalene	-	-	-	-	-	75	-	-	NS	NS	10

VRI-6	10/18/01	04/04/02	10/2/09	NYSDEC CRITERIA
Metals				
Iron	6,640	NS	NS	300
Sodium	77,600	NS	NS	20,000

VRI-7	10/18/01	04/03/02	10/5/09	10/11/11	12/5/11	NYSDEC CRITERIA
Metals						
Iron	-	555	NS	NS	NS	300
Magnesium	-	45,600	NS	NS	NS	35,000
Sodium	192,000	291,000	NS	NS	NS	20,000

SMW-1	09/27/91	10/17/01	04/03/02	9/30/09	NYSDEC CRITERIA
Metals					
Sodium	-	94,100	77,700	NS	20,000

SMW-2	09/27/91	10/17/01	04/03/02	9/30/09	NYSDEC CRITERIA
Metals					
Chromium	-	133	212	NS	50
Iron	-	1,640	2,000	NS	300
Sodium	-	55,400	52,500	NS	20,000

GT-3	08/04/87	08/20/87	09/09/88	09/08/92	10/17/01	04/04/02	10/06/09	NYSDEC CRITERIA
Metals								
Antimony	-	-	-	26,1 B	-	NS	NS	3
Arsenic	-	-	30	-	-	NS	NS	25
Beryllium	-	-	7	-	-	NS	NS	3
Chromium	-	-	145	51.4	-	NS	NS	50
Iron	-	-	-	94,100 J	3,380	NS	NS	300
Lead	-	-	134	57.3	-	NS	NS	25
Magnesium	-	-	-	49,100	-	NS	NS	35,000
Manganese	-	-	-	3,260	-	NS	NS	300
Sodium	-	-	-	95,900	58,300	NS	NS	20,000

GT-5	08/08/87	08/20/87	09/08/92	12/13/94	10/17/01	04/03/02	9/30/09	NYSDEC CRITERIA
Metals								
Antimony	-	-	-	-	4.7	-	NS	3
Sodium	-	-	53,500	-	56,800	37,800	NS	20,000
Iron	-	-	1,710	-	-	-	NS	300

GT-8	08/04/87	08/21/87	09/09/88	09/08/92	10/17/01	04/03/02	9/29/09	10/12/11	12/7/11	NYSDEC CRITERIA
Metals										
Barium	-	-	1,440	-	-	-	NS	NS	NS	1,000
Beryllium	-	-	100	-	-	-	NS	NS	NS	3
Chromium	-	-	177	-	-	-	NS	NS	NS	50
Iron	-	-	-	57,800 J	32,400	1,520	NS	NS	NS	300
Lead	-	-	447	30.9	-	-	NS	NS	NS	25
Manganese	-	-	-	1,740	761	-	NS	NS	NS	300
VOCs										
1,2,4-Trimethylbenzene	NS	NS	NS	NS	NS	NS	NS	NS	120	- 5
1,3,5-Trimethylbenzene	NS	NS	NS	NS	NS	NS	NS	NS	58	- 5
n-Propylbenzene	NS	NS	NS	NS	NS	NS	NS	NS	170	- 5
Xylene (Total)	-	-	-	-	-	-	-	-	55	- 5
SVOCs										
Bis(2ethylhexyl)phalate	NS	NS	NS	420	NS	NS	NS	NS	NS	5

VRI-8	10/17/01	04/03/02	NYSDEC CRITERIA
Metals			
Iron	-	388	300
Manganese	-	5,290	300
Sodium	42,400	203,000	20,000
VOCs			
Benzene	-	130	1
Ethylbenzene	-	88	5
Toluene	-	6,6	5
Xylene (Total)	-	360	5
Trichloroethene	19	-	5
SVOCs			
Naphthalene	-	130	10

LEGEND

- ■ U8-SB-1 2001 SOIL BORING LOCATION
- ● VRI-1 GROUNDWATER MONITORING WELL
- B16-SS-1 SURFACE SOIL SAMPLE LOCATION
- SMH MANHOLE
- CB CATCH BASIN
- PROPERTY BOUNDARY LINE
- CHAIN LINK FENCE
- J ESTIMATED VALUE
- ND NOT DETECTED AT ASSOCIATED CONCENTRATION
- NA NOT ANALYZED
- NS NOT SAMPLED

LOCATION ID — SAMPLE DATE — NYSDEC GROUNDWATER CLASS GA CRITERIA EXCEEDANCES (µg/L)

VRI-4	10/16/01	NYSDEC CRITERIA
Metals		
Iron	5,990	300
Manganese		300

PARAMETER — CONCENTRATION (µg/L) — NO EXCEEDANCE OF CRITERIA/NOT ANALYZED

NO	Revision	Date	Initial

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

VRI-RIVERVIEW FACILITY
Schenectady, New York

GROUNDWATER QUALITY DATA

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
J.K.P.		FEBRUARY 2012	
Scale: 1"=100'	Project N°: 18631-50	Report N°: 011	Drawing N°: PLAN 3